POWER DRIVES, INC.

324 THIRD ST., S. W.

WINTER HAVEN, FLORIDA 33880

EFFECTIVE JUNE 23, 1972

ARMSTRONG

PRICE SHEET No. 672-11A

Applicable to Armstrong General Catalog 820

Prices herein shown supercede all previous prices and are subject to change without notice, based upon delivery F.O.B. our plant, Chicago, U.S.A. All orders are subject to acceptance by the company's home office, Chicago, Illinois and will be invoiced at prices we have in effect at time of shipment and are payable in Chicago in U.S. par funds. All prices are subject to an increase equal to the amount of any federal, state or local tax that may be imposed. When user orders are received by us, we reserve the right to invoice them through an Armstrong distributor.

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Ordering Numbers: All tools listed in this price sheet show five digit ordering numbers. (E.D.P.—Electronic Data Processing numbers.)

ARMSTRONG BROS. TOOL CO.

"THE TOOL PEOPLE"

5200 W. Armstrong Ave., Chicago, Ill. 60646 Phone: RO 3-3333

(Area Code 312)

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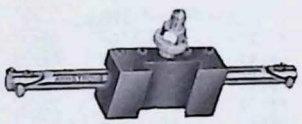
QUICK CHANGE TOOL POST
FURNISHED WITH WRENCH
Cat. Page 2 - Std. Pkg. 1

Cat. No.	Ordering No.	Hgt. & Wdth Of Block, In.	For Lathes Swing In.	Price Each
QC-4	16201	2½ X 2½	UP TO 13	$94.26
QC-5	16202	3 X 3	10 TO 16	115.25
QC-6	16203	3¼ X 3½	13 TO 19	164.62
QC-8	16204	4 X 4	14 TO 21	224.10

QUICK CHANGE TOOL HOLDERS
Cat. Page 2-3 - Std. Pkg. 1

Cat. No.	Ordering No.	Tool Bit Size, In.	Use With Tool Post No.	Price Each
TURNING AND FACING TOOLS Furnished With Hex Wrench				
4A-QC	16207	3/16 to ½	QC-4	$23.72
5A-QC	16208	3/16 to 5/8	QC-5	27.68
6A-QC	16209	½ to 7/8	QC-6	37.55
8A-QC	16210	½ to 1	QC-8	49.46

Cat. No.	Ordering No.	Boring Bar Diam., In.	Use With Tool Post No.	Price Each
				
TURNING FACING AND BORING TOOLS Furnished With Hex Wrench				
4B-QC	16213	3/16 to ½	QC-4	$23.72
5B-QC	16214	3/16 to 5/8	QC-5	27.68
6B-QC	16215	½ to ¾	QC-6	37.55
8B-QC	16216	½ to 13/16	QC-8	49.46

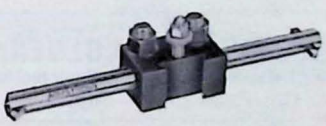
Cat. No.	Ordering No.	Tool Bit Size, In.	Use With Tool Post No.	Price Each
LEFT HAND OFFSET TOOLS Furnished With Hex Wrench				
4C-QC	16281	3/16 to ½	QC-4	23.72
5C-QC	16282	3/16 to 5/8	QC-5	27.68
6C-QC	16283	½ to 7/8	QC-6	37.55
8C-QC	16284	½ to 1	QC-8	49.46

Continued in next column

Cat. No.	Ordering No.	Blade Size, In.	Use With Tool Post No.	Price Each
CUT-OFF TOOLS Furnished With High Speed Blade And Hex Wrench				
4D-QC	16219	3/32 X ½	QC-4	$35.99
5D-QC	16220	3/32 X 5/8	QC-5	40.33
6D-QC	16221	1/8 X ¾	QC-6	53.13
8D-QC	16222	3/16 X 1	QC-8	70.84

Cat. No.	Ordering No.	Knurling Cap. In.	Use With Tool Post No.	Price Each
KNURLING TOOLS Revolving Head With 3 Pr. Knurls				
4E-QC	16225	3/16 UP	QC-4	$52.26
5E-QC	16226	3/16 UP	QC-5	62.98
6E-QC	16227	¼ UP	QC-6	77.68
8E-QC	16228	¼ UP	QC-8	94.39

Cat. No.	Ordering No.	Formed Cutter No.	Use With Tool Post No.	Price Each
THREADING TOOLS Furnished With Formed Cutter And Hex Wrench				
4J-QC	16255	8151	QC-4	$44.42
5J-QC	16256	8153	QC-5	49.72
6J-QC	16257	8155	QC-6	61.35
8J-QC	16258	8157	QC-8	69.65

Cat. No.	Ordering No.	Bar Diam. In.	Use With Tool Post No.	Price Each
				
HEAVY DUTY BORING TOOLS Furnished With Bar, 2 Tool Bits, And Wrench				
4G1-QC	16243	¾	QC-4	$41.36
4G2-QC	16249	13/16	QC-4	54.32
5G1-QC	16244	13/16	QC-5	56.30
5G2-QC	16250	1⅛	QC-5	69.70
6G1-QC	16245	13/16	QC-6	65.23
6G2-QC	16251	1⅛	QC-6	79.68
8G1-QC	16246	1⅛	QC-8	82.57
8G2-QC	16252	1 3/16	QC-8	99.26

Continued in next column

Cat. No.	Ordering No.	Hole Size Morse Taper	Use With Tool Post	Price Each
DRILLING TOOLS				
4H2-QC	16231	#2	QC-4	$31.64
4H3-QC	16237	#3	QC-4	37.55
5H2-QC	16232	#2	QC-5	31.64
5H3-QC	16238	#3	QC-5	41.51
6H3-QC	16233	#3	QC-6	43.49
6H4-QC	16239	#4	QC-6	53.39
8H3-QC	16234	#3	QC-8	56.76
8H4-QC	16235	#4	QC-8	63.76

QUICK CHANGE TOOL SETS
FURNISHED IN CARDBOARD BOX
Cat. Page 3 - Std. Pkg. 1

Cat. No.	Ordering No.	Tools Furn In Set	For Lathes Swing In.	Price Each
ATS-4	16301	QC-4, 4A-QC, 4B-QC, 4C-QC, 4D-QC, 4E-QC, 4G1-QC, 4J-QC	UP TO 13	339.75
ATS-5	16302	QC-5, 5A-QC, 5B-QC, 5C-QC, 5D-QC, 5E-QC, 5G1-QC, 5J-QC	10 TO 16	407.62
ATS-6	16303	QC-6, 6A-QC, 6B-QC, 6C-QC, 6D-QC, 6E-QC, 6G1-QC, 6J-QC	13 TO 19	534.66
ATS-8	16304	QC-8, 8A-QC, 8B-QC, 8C-QC, 8D-QC, 8E-QC, 8G1-QC, 8J-QC	14 TO 21	689.93

TURRET TOOL POSTS
FURNISHED WITH WRENCH
Cat. Page 4 - Std. Pkg. 1

Cat. No.	Ordering No.	Block Dim.	For Lathes Swing In.	Price Each
TU-3	16270	3½x2½	12-15	228.80
TU-4	16271	4½x2 1/16	15-19	297.00
TU-6	16277	6x6	14-21	534.60

Extra Net Charge For Fitting Turret Tool Posts:

TU-3	$28.00
TU-4	33.00
TU-6	38.00

TURRET INSERT TOOL HOLDERS

Cat. Page 5

Cat. No.	Ordering No.	Shank Size Inches	Price Each

FOR TRIANGULAR INSERTS

Style TR Illustrated
(Opposite hand, Style TL)

Positive Rake

TR1P	08460	1/2 x 3/4 x 3 13/16	27.16
TL1P	08470	1/2 x 3/4 x 3 13/16	27.16
TR2P	08461	5/8 x 1 x 4 13/16	31.89
TL2P	08471	5/8 x 1 x 4 13/16	31.89
TR3P	08462	3/4x1 1/4x6	33.72
TL3P	08472	3/4x1 1/4x6	33.72

Negative Rake

TL1N	08430	1/2 x 3/4 x 3 13/16	24.64
TR1N	08420	1/2 x 3/4 x 3 13/16	24.64
TL2N	08431	5/8 x 1 x 5 1/8	28.92
TR2N	08421	5/8 x 1 x 5 1/8	28.92
TR3N	08422	3/4x1 1/4x6	30.70
TL3N	08432	3/4x1 1/4x6	30.70

FOR SQUARE INSERTS

Style SR Illustrated
(Opposite hand, Style SL)

Positive Rake

SR1P	08480	1/2 x 3/4 x 4	27.16
SL1P	08490	1/2 x 3/4 x 4	27.16
SR2P	08481	5/8 x 1 x 5 1/8	31.89
SL2P	08491	5/8 x 1 x 5 1/8	31.89
SR3P	08482	3/4x1 1/4x6	33.72
SL3P	08492	3/4x1 1/4x6	33.72

Negative Rake

SR1N	08440	1/2 x 3/4 x 3 15/16	24.64
SL1N	08450	1/2 x 3/4 x 3 15/16	24.64
SR2N	08441	5/8 x 1 x 5 3/16	28.92
SL2N	08451	5/8 x 1 x 5 3/16	28.92
SR3N	08442	3/4x1 1/4x6	30.70
SL3N	08452	3/4x1 1/4x6	30.70

TURRET CUTTING-OFF TOOL

FURNISHED WITH H.S., BLADE & WRENCH

Standard Pkg. 1

Cat. No.	Ordering No.	Blade Size In.	Use With Turret No.	Price Each

TU-21	16272	1/8 x 3/4	TU-3	22.18
TU-22	16273	1/8 x 3/8	TU-4	27.78
TU-23	16274	3/16x1 1/8	TU-6	37.24

TURRET TOOL SETS

Std. Pkg. 1

Cat. No.	Ordering No.	No. Of Tool Incl.	For Lathes Swing In.	Price Each
TU3-5	10033	5	12-15	332.45
TU4-5	10034	5	15-19	420.44
TU6-5	10036	5	14-21	673.00

TURNING TOOL HOLDERS

Furnished with high speed tool bit and wrench

Cat. Page 6 - Std. Pkg. 1

Cat. No.	Ordering No.	Shank Size, In.	For Tool Bit Size, Sq., In.	Price Each

Straight Shank

000-S	11001	5/16 x 1/2 x 4	3/16	$16.62
00-S	11002	5/16 x 3/4 x 4 1/2	3/16	16.62
0-S	11003	3/8 x 7/8 x 5	1/4	17.62
1-S	11004	1/2 x1 1/8 x 6	5/16	20.20
2-S	11005	5/8 x1 3/8 x 7	3/8	24.72
3-S	11006	3/4 x1 5/8 x 8	7/16	33.47
4-S	11007	7/8 x1 3/4 x 9	1/2	42.54
5-S	11008	1 x2 x11	5/8	60.41
6-S	11009	1 1/4 x2 1/4 x13	3/4	83.66
7-S	11010	1 1/2 x2 1/2 x16	7/8	145.27

Left-Hand Offset

000-L	11021	5/16 x 1/2 x 4	3/16	16.62
00-L	11022	5/16 x 3/4 x 4 1/2	3/16	16.62
0-L	11023	3/8 x 7/8 x 5	1/4	17.62
1-L	11024	1/2 x1 1/8 x 6	5/16	20.20
2-L	11025	5/8 x1 3/8 x 7	3/8	24.72
3-L	11026	3/4 x1 5/8 x 8	7/16	33.47
4-L	11027	7/8 x1 3/4 x 9	1/2	42.54
5-L	11028	1 x2 x11	5/8	60.41
6-L	11029	1 1/4 x2 1/4 x13	3/4	83.66
7-L	11030	1 1/2 x2 1/2 x16	7/8	145.27

Right-Hand Offset

000-R	11041	5/16 x 1/2 x 4	3/16	16.62
00-R	11042	5/16 x 3/4 x 4 1/2	3/16	16.62
0-R	11043	3/8 x 7/8 x 5	1/4	17.62
1-R	11044	1/2 x1 1/8 x 6	5/16	20.20
2-R	11045	5/8 x1 3/8 x 7	3/8	24.72
3-R	11046	3/4 x1 5/8 x 8	7/16	33.47
4-R	11047	7/8 x1 3/4 x 9	1/2	42.54
5-R	11048	1 x2 x11	5/8	60.41
6-R	11049	1 1/4 x2 1/4 x13	3/4	83.66
7-R	11050	1 1/2 x2 1/2 x16	7/8	145.27

CARBIDE TOOL HOLDERS

Furnished with wrench, but without tool bit

Cat. Page 7 - Std. Pkg. 1

Cat. No.	Ordering No.	Shank Size, In.	For Tool Bit, Size, In.	Price Each

Straight Shank

T-0-S	11151	3/8 x 15/16 x 6	1/4 Sq.	$19.73
T-1-S	11152	1/2 x1 1/4 x 7	5/16	22.25
T-2-S	11153	5/8 x1 1/2 x 8	3/8	27.78
T-3-S	11154	3/4 x1 3/4 x 9	7/16	37.24

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T-4-S	11155	7/8 x1 7/8 x10	1/2	46.95
T-5-S	11156	1 x2 1/8 x12	5/8	66.94
T-6-S	11157	1 1/4 x2 1/4 x13	3/4	131.15
T-7-S	11158	1 1/2 x2 1/2 x16	7/8	228.37
T-750-S	11159	1 5/8 x2 3/4 x18	1	393.32

Left-Hand Offset

T-0-L	11161	3/8 x 15/16 x 6	1/4 Sq.	19.73
T-1-L	11162	1/2 x1 1/4 x 7	5/16	22.25
T-2-L	11163	5/8 x1 1/2 x 8	3/8	27.78
T-3-L	11164	3/4 x1 3/4 x 9	7/16	37.24
T-4-L	11165	7/8 x1 7/8 x10	1/2	46.95
T-5-L	11166	1 x2 1/8 x12	5/8	66.94
T-6-L	11167	1 1/4 x2 1/4 x13	3/4	131.15
T-7-L	11168	1 1/2 x2 1/2 x16	7/8	228.37
T-750-L	11169	1 5/8 x2 3/4 x18	1	393.32

Right-Hand Offset

T-0-R	11171	3/8 x 15/16 x 6	1/4 Sq.	19.73
T-1-R	11172	1/2 x1 1/4 x 7	5/16	22.25
T-2-R	11173	5/8 x1 1/2 x 8	3/8	27.78
T-3-R	11174	3/4 x1 3/4 x 9	7/16	37.24
T-4-R	11175	7/8 x1 7/8 x10	1/2	46.95
T-5-R	11176	1 x2 1/8 x12	5/8	66.94
T-6-R	11177	1 1/4 x2 1/4 x13	3/4	131.15
T-7-R	11178	1 1/2 x2 1/2 x16	7/8	228.37
T-750-R	11179	1 5/8 x2 3/4 x18	1	393.32

"C-A" TOOL HOLDERS

Furnished with wrench but without tool bit

Cat. Page 8 - Std. Pkg. 1

Cat. No.	Ordering No.	Shank Size, In.	For Tool Bit, Sq., In.	Price Each

Straight Shank

XX-0-S	11121	3/8 x 15/16 x 5 1/2	1/4	$34.28
XX-1-S	11122	1/2 x1 1/4 x 7	5/16	39.80
XX-2-S	11123	5/8 x1 1/2 x 7 7/8	3/8	47.22
XX-3-S	11124	3/4 x1 3/4 x 8 7/8	7/16	62.94
XX-4-S	11125	7/8 x1 7/8 x 9 7/8	1/2	86.75
XX-5-S	11126	1 x2 1/8 x11 3/4	5/8	115.24

Left-Hand Offset

XX-0-L	11131	3/8 x 15/16 x 5 1/2	1/4	34.28
XX-1-L	11132	1/2 x1 1/4 x 7	5/16	39.80
XX-2-L	11133	5/8 x1 1/2 x 7 7/8	3/8	47.22
XX-3-L	11134	3/4 x1 3/4 x 8 7/8	7/16	62.94
XX-4-L	11135	7/8 x1 7/8 x 9 7/8	1/2	86.75
XX-5-L	11136	1 x2 1/8 x11 3/4	5/8	115.24

Right-Hand Offset

XX-0-R	11141	3/8 x 15/16 x 5 1/2	1/4	34.28
XX-1-R	11142	1/2 x1 1/4 x 7	5/16	39.80
XX-2-R	11143	5/8 x1 1/2 x 7 7/8	3/8	47.22
XX-3-R	11144	3/4 x1 3/4 x 8 7/8	7/16	62.94
XX-4-R	11145	7/8 x1 7/8 x 9 7/8	1/2	86.75

TOOL HOLDER SETS

Cat. Page 7,8 - Std. Pkg. 1

Cat. No.	Ordering No.	Holder Size, In.	For Tool Bit, Sq., In.	Price Each

"C-A" Tool Holder Sets

0466	73086	3/8 x 15/16 x 5 1/2	1/4	$112.08

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0467	73087	½ x1¼ x 7	5/16	134.04
0468	73088	3/8 x1½ x 7⅞	3/8	162.70
0469	73089	¾ x1¾ x 8⅞	7/16	219.90
0470	73090	⅞ x1⅞ x 9⅞	½	307.09

Carbide Tool Holder Sets

M-0A	72290	3/8 x 15/16 x 6	¼	79.66
M-1A	72291	½ x1¼ x 7	5/16	88.58
M-2A	72292	5/8 x1½ x 8	3/8	105.50
M-3A	72293	¾ x1¾ x 9	7/16	134.23
M-4A	72294	⅞ x1⅞ x10	½	165.26

CUTTING OFF TOOLS

Furnished with wrench and high speed blade
Cat. Page 9 - Std. Pkg. 1

Cat. No.	Ordering No.	Shank Size, In.	Blade Size, In.	Price Each

Straight Shank

19	12001	5/16 x ¾ x 4½	3/32 x ½	$17.62
20	12002	3/8 x ⅞ x 5	3/32 x 5/8	18.59
21	12003	½ x1⅛ x 6	1/8 x ¾	22.18
22	12004	5/8 x1⅜ x 7	1/8 x ⅞	27.78
23	12005	¾ x1⅝ x 8	3/16 x1	37.24
24	12006	⅞ x1¾ x 9	3/16 x1⅛	46.43
25	12007	1 x2 x10	¼ x1¼	60.41
26	12008	1¼ x2¼ x11	¼ x1⅜	75.27

Left-Hand Offset

29-L	12021	5/16 x ¾ x 4½	3/32 x ½	17.62
30-L	12022	3/8 x ⅞ x 5	3/32 x 5/8	18.59
31-L	12023	½ x1⅛ x 5⅞	1/8 x ¾	22.18
32-L	12024	5/8 x1⅜ x 6⅞	1/8 x ⅞	27.78
33-L	12025	¾ x1⅝ x 7⅞	3/16 x1	37.24
34-L	12026	⅞ x1¾ x 8⅞	3/16 x1⅛	46.43
35-L	12027	1 x2 x 9⅞	¼ x1¼	60.41
36-L	12028	1¼ x2¼ x10⅞	¼ x1⅜	75.27

Right-Hand Offset

29-R	12041	5/16 x ¾ x 4½	3/32 x ½	17.62
30-R	12042	3/8 x ⅞ x 5	3/32 x 5/8	18.59
31-R	12043	½ x1⅛ x 5⅞	1/8 x ¾	22.18
32-R	12044	5/8 x1⅜ x 6⅞	1/8 x ⅞	27.78
33-R	12045	¾ x1⅝ x 7⅞	3/16 x1	37.24
34-R	12046	⅞ x1¾ x 8⅞	3/16 x1⅛	46.43
35-R	12047	1 x2 x 9⅞	¼ x1¼	60.41
36-R	12048	1¼ x2¼ x10⅞	¼ x1⅜	75.27

Spring Cutting-off Tool Holders

Straight Shank

S-20	12071	3/8 x ⅞ x 5½	3/32 x 5/8	27.78
S-21	12072	½ x1⅛ x 6⅜	1/8 x ¾	33.47
S-22	12073	5/8 x1⅜ x 7½	1/8 x ⅞	41.76
S-23	12074	¾ x1⅝ x 8⅞	3/16 x1	55.74

Left-Hand Offset

S-30-L	12081	3/8 x ⅞ x 5¼	3/32 x 5/8	27.78
S-31-L	12082	½ x1⅛ x 6½	1/8 x ¾	33.47
S-32-L	12083	5/8 x1⅜ x 7¾	1/8 x ⅞	41.76
S-33-L	12084	¾ x1⅝ x 8⅝	3/16 x1	55.74

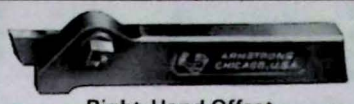
Right-Hand Offset

S-30-R	12091	3/8 x ⅞ x 5¼	3/32 x 5/8	27.78
S-31-R	12092	½ x1⅛ x 6½	1/8 x ¾	33.47
S-32-R	12093	5/8 x1⅜ x 7¾	1/8 x ⅞	41.76
S-33-R	12094	¾ x1⅝ x 8⅝	3/16 x1	55.74

SIDE TOOLS

Furnished with wrench and high speed blade
Cat. Page 10 - Std. Pkg. 1

Cat. No.	Ordering No.	Shank Size, In.	Blade Size, In.	Price Each



Right-Hand Offset

69-R	12121	5/16 x ¾ x 4⅜	1/8 x ½	17.62
70-R	12122	3/8 x ⅞ x 4⅞	5/32 x 5/8	21.14
71-R	12123	½ x1⅛ x 5⅞	3/16 x ¾	27.04
72-R	12124	5/8 x1⅜ x 6⅞	¼ x ⅞	37.24
73-R	12125	¾ x1⅝ x 7⅞	5/16 x1	48.52
74-R	12126	⅞ x1¾ x 8⅞	3/8 x1¼	65.96

Right-Hand Straight Shank

79-R	12161	5/16 x ¾ x 4½	1/8 x ½	17.62
80-R	12162	3/8 x ⅞ x 5	5/32 x 5/8	21.14
81-R	12163	½ x1⅛ x 6	3/16 x ¾	27.04
82-R	12164	5/8 x1⅜ x 7	¼ x ⅞	37.24
83-R	12165	¾ x1⅝ x 8	5/16 x1	48.52
84-R	12166	⅞ x1¾ x 9	3/8 x1¼	65.96

BORING TOOLS

Cat. Page 10-12 - Std. Pkg. 1

Cat. No.	Ordering No.	Shank Size, In.	Bar Dia. In.	Price Each

With Wrench, 2 Tool Bits

7	13001	5/16 x ¾ x 4⅞	½	$30.35
8	13002	3/8 x ⅞ x 5⅜	9/16	30.35
9	13003	½ x1⅛ x 6⅛	¾	36.07
10	13004	5/8 x1⅜ x 7 7/16	13/16	47.41
11	13005	¾ x1⅝ x 8 7/16	1⅛	67.12
12	13006	⅞ x1¾ x 9¾	1 5/16	99.04
13	13007	1 x2 x11 3/16	1½	145.27

With Wrench, 2 Tool Bits

108	13021	¾ x ⅞ x 3¼	9/16	26.92
109	13022	1 x1⅛ x 4 9/32	¾	31.65
110	13023	1¼ x1⅜ x 5 5/32	15/16	41.97
111	13024	1½ x1⅝ x 6 5/32	1⅛	60.49
112	13025	1¾ x1⅞ x 7 5/32	1 5/16	87.20
113	13026	2 x2⅛ x 8¼	1½	116.24

Holder Only

15	13087	3/8 x ¾	3/16 & ¼	18.13
16	13088	½ x1	3/16 & 5/16	24.24
17	13089	5/8 x1¼	¼ & 3/8	30.42
18	13090	¾ x1½	5/16 & 7/16	39.02

Holder With 2 Forged Bars, 1 Tool Bit

15-F	13091	3/8 x ¾	3/16 & ¼	25.72
16-F	13092	½ x1	3/16 & 5/16	32.56
17-F	13093	5/8 x1¼	¼ & 3/8	41.76
18-F	13094	¾ x1½	5/16 & 7/16	53.65

Holder With 2 Clamp Bars-And Bits

15-C	13095	3/8 x ¾	3/16 & ¼	35.43
16-C	13096	½ x1	¼ & 3/8	41.79
17-C	13097	5/8 x1¼	3/8 & ½	49.80
18-C	13098	¾ x1½	3/8 & ½	57.43

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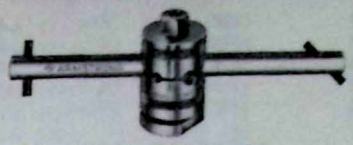
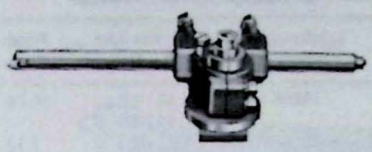


3-Bar Boring Tools
With Wrench, 3 Bars, Tool Bits

0-B	13080	-	½,9/16,¾	108.80
00-B	13081	-	3/8,½,¾	85.84
1-B	13082	-	½,¾,1⅛	137.98
2-B	13083	-	9/16,13/16,1 3/16	183.95
3-B	13084	-	¾,1⅛,1½	322.05
4-B	13085	-	13/16,1 5/16,1 13/16	460.03



Adjustable Boring Tools

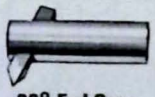
212	13111	¾	177.55
213	13112	¾	246.62
214	13113	¾	349.61
215	13114	¾	591.84

Extra Net Charge For Fitting 3-Bar Or Adjustable Boring Tools:
00-B, 0-B, 212..... $11.00
1-B, 2-B, 213, 214 ... 18.00
3-B, 4-B, 215..... 22.00

BORING BAR PARTS

Cat. Page 11 - Not Boxed

Cat. No.	Ordering No.	For Bar No.	Bar Dia. In.	Price Each



90° End Caps

8001A	13841	07A	½	2.82
8002	13702	08	9/16	2.82
8003	13703	09	¾	3.71
8004A	13844	010A	15/16	4.61
8005	13705	011	1 1/8	5.56
8006	13706	012	1 5/16	8.05
8007	13707	013	1 1/2	12.07
8008	13708	014	1 13/16	17.31

45° End Caps

8021A	13842	07A	½	3.71
8022	13710	08	9/16	3.71
8023	13711	09	¾	4.94
8024A	13845	010A	15/16	7.11
8025	13713	011	1 1/8	7.78
8026	13714	012	1 5/16	12.41
8027	13715	013	1 1/2	18.58
8028	13716	014	1 13/16	25.99

30° End Caps

8041A	13843	07A	½	3.71
8042	13718	08	9/16	3.71
8043	13719	09	¾	4.94
8044A	13846	010A	15/16	7.11
8045	13721	011	1 1/8	7.78
8046	13722	012	1 5/16	12.41
8047	13723	013	1 1/2	18.58
8048	13724	014	1 13/16	25.99

Boring Bar Wrenches

8081	13764	½	2.95
8082	13765	9/16	2.95
8083	13766	¾	3.61

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8084	13767	15/16	4.61
8085	13768	1 1/16	5.65
8086	13769	1 5/16	8.15
8087	13770	1 1/2	12.05
8088	13771	1 13/16	17.37

Boring Tool Bushings

Cat. No.	Ordering No.	For Bar, Dia., In.	Fits Tool Shank No.	Price Each
8179	13726	1/2	9	5.76
8180	13727	1/2	10	7.12
8184	13728	9/16	9	5.76
8189	13731	3/4	10	7.12

Quick Change Boring Tool Bushings

Cat. No.	Ordering No.	For Bar, Dia., In.	Fits Tool No.	Price Each
4G-184	16805	9/16	4G1-QC 4G2-QC	$5.76
4G-289	16803	3/4	5G1-QC	7.12
5G-293	16806	15/16	5G2-QC 6G1-QC 6G2-QC	8.48
8G-193	16808	15/16	8G1-QC	8.48
8G-296	16809	1 1/16	8G2-QC	12.27

BORING BARS
Cat. Pages 11-13

Cat. No.	Ordering No.	Dimensions, Inches	Tool Bit Size, In.	Price Each

For Adjustable Boring Tool - Std. Pkg. 1
Includes 2 Tool Bits & Wrench

0521	13121	3/4 x14	3/16 Sq.	$31.83
0522	13122	15/16 x16	1/4	39.48
0523	13123	1 1/8 x18	5/16	54.22
0524	13124	1 5/16 x21	3/8	74.00
0525	13125	1 1/2 x24	7/16	98.62
0526	13126	1 13/16 x28	1/2	147.96
0527	13127	2 1/4 x36	5/8	276.23

End Cap Pattern - Std. Pkg. 1
Includes 3 End Caps, 3 Tool Bits, Wrench

07A	13039	1/2 x 8	3/16	18.60
	(replaces 07 boring bar)			
08	13042	9/16 x 9	3/16	18.60
09	13043	3/4 x11	1/4	23.62
010A	13040	15/16 x13	5/16	33.47
	(replaces 010 boring bar)			
011	13045	1 1/8 x16	3/8	46.44
012	13046	1 5/16 x18	7/16	64.92
013	13047	1 1/2 x23	1/2	83.66
014	13048	1 13/16 x28	5/8	120.75

Plain Bars - Std. Pkg. 1
Includes 2 Tool Bits, Hex Wrench

07-X	13061	1/2 x 8	3/16 Sq.	14.87
08-X	13062	9/16 x 9	3/16	14.87
09-X	13063	3/4 x11		18.27
010-X	13064	15/16 x13		26.28
011-X	13065	1 1/8 x16		38.71
012-X	13066	1 5/16 x18		55.74
013-X	13067	1 1/2 x23		72.66
014-X	13068	1 13/16 x28	5/8	108.34

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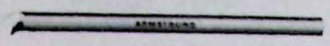
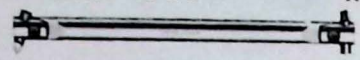


Forged Boring Bars - Std. Pkg. 5

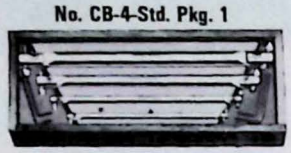
8140	13101	1/8 x 4	2.13
8141	13102	3/16 x 4 1/2	2.78
8142	13103	1/4 x 5	3.58
8143	13104	5/16 x 6	4.14
8144	13105	3/8 x 7	5.53
8145	13106	7/16 x 8	7.09



Clamp Boring Bars - Std. Pkg. 1
Includes 2 Tool Bits, Hex Wrench

951	13128	3/16 x 5	3/32 Rd.	12.14
952	13129	1/4 x 6	1/8	12.14
953	13130	3/8 x 7	3/16	13.41
954	13131	1/2 x 8	1/4	15.37

No. CB-4-Std. Pkg. 1



Ordering No. - 13132
Price Each - $53.06

Clamp Boring Bar Set Includes 4 Bars, 8 Tool Bits, 4 Hex Wrenches

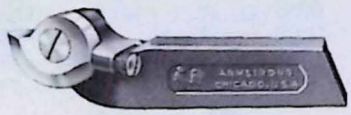
Tool Bits For Clamp Bars-Std. Pkg. 10

	For Boring		
951-B	71122	3/32" dia.	2.44
952-B	71123	1/8"	2.44
953-B	71124	3/16"	2.74
954-B	71125	1/4"	3.25
	For Threading		
951-T	71126	3/32"	2.44
952-T	71127	1/8"	2.44
953-T	71128	3/16"	2.74
954-T	71129	1/4"	3.25

For Other Boring Tool Bits See Page 15

THREADING TOOLS
Cat. Page 14-15 - Std. Pkg. 1

Cat. No.	Ordering No.	Shank Size, In.	Tool Bit Size, In. Sq.	Price Ea.



Formed Cutter

00T	17001	5/16 x 3/4 x5	$25.72
50	17002	3/8 x 7/8 x5	25.72
51	17003	1/2 x1 1/8 x6	31.01
52	17004	5/8 x1 3/8 x7	39.69
53	17005	3/4 x1 5/8 x8	51.11
54	17006	7/8 x1 3/4 x9	62.94

Formed Cutter - Spring Type

NS-50	17021	3/8 x 7/8 x5 1/2	40.39
NS-51	17022	1/2 x1 1/8 x6 1/2	48.42
NS-52	17023	5/8 x1 3/8 x7 1/2	62.58
NS-53	17024	3/4 x1 5/8 x8 1/2	80.74

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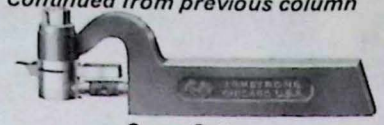

Square Cutter

S-50	17011	3/8 x 7/8 x5 1/2	1/4	25.72
S-51	17012	1/2 x1 1/8 x6 1/2	5/16	31.01
S-52	17013	5/8 x1 3/8 x7 1/2	3/8	39.69
S-53	17014	3/4 x1 5/8 x8 1/2	7/16	50.99

FORMED THREAD CUTTERS
Cat. Page 15 - Not Boxed

Cat. No.	Ordering No.	For Tool No.	Price Each

For Sharp V-Thread

8151	17101	00T, 50, NS-50	$14.92
8153	17102	51, NS-51	17.56
8155	17103	52, NS-52	23.41
8157	17104	53, NS-53, 54	29.49

Note: Pitches Other Than Sharp V Thread Available On Special Order

SQUARE THREAD CUTTERS
Cat. Page 15 - Not Boxed

Cat. No.	Ordering No.	For Tool No.	Price Each
	For Sharp V-Thread		
8101	17031	S-50	$2.48
8102	17032	S-51	2.96
8103	17033	S-52	3.85
8104	17034	S-53	5.68

KNURLING TOOLS
Cat. Page 16 - Std. Pkg. 1

Cat. No.	Ordering No.	Shank Size, In.	Knurling Cap., In.	Price Each

00-K	15001	5/16 x 3/4 x5	1/8 Up	$34.58
0-K	15002	3/8 x 7/8 x5 1/2	1/8 Up	36.88
1-K	15003	1/2 x1 1/8 x6 1/2	3/16 Up	41.37
2-K	15004	5/8 x1 3/8 x7 1/2	3/16 Up	48.97
4-K	15005	7/8 x1 3/4 x9	1/4 Up	89.52

Revolving Head With 3 Pr. Knurls

3-K-00	15011	5/16 x 3/4 x5	3/16 Up	46.02
3-K-0	15012	3/8 x 7/8 x5 1/2	3/16 Up	49.06
3-K-1	15013	1/2 x1 1/8 x6 1/2	1/4 Up	55.22
3-K-2	15014	5/8 x1 3/8 x7 1/2	1/4 Up	64.33

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For Turret Lathes and Screw Machines

KT-00	16161	5/8x1 1/8	1/2	118.00
KT-1	16162	3/4x1 7/8	3/4	129.00
KT-2	16163	1x2 3/16	7/8	139.00
KT-3	16164	1 1/4x3 1/4	1/2-1 3/8	298.00

KNURLS

(Furnished in pairs)

Cat. Page 17 - Std. Pkg. 5 Pr.

Cat. No.	Ordering No.	Pitch	For Tool No.	Price Per Pair
			Diamond Pattern	
			Standard Face	
8221	18001	14	00-K, 0-K	$7.44
8224	18002	21	3-K-00, 3-K-0	7.44
8227	18003	33	2040	7.44
8222	18004	14	1-K, 2-K,	8.61
8225	18005	21	3-K-1, 3-K-2	8.61
8228	18006	33		8.61
8223	18007	14		15.47
8226	18008	21	4-K	15.47
8229	18009	33		15.47
			Full Face	
8241	18021	14	00-K, 0-K	7.44
8244	18022	21	3-K-00, 3-K-0	7.44
8247	18023	33	2040	7.44
8242	18024	14	1-K, 2-K	8.61
8245	18025	21	3-K-1, 3-K-2	8.61
8248	18026	33		8.61
8243	18027	14		15.47
8246	18028	21	4-K	15.47
8249	18029	33		15.47
			Straight Line Pattern	
			Standard Face	
8261	18041	14	00-K, 0-K	7.44
8264	18042	21	3-K-00, 3-K-0	7.44
8267	18043	33	2040	7.44
8262	18044	14	1-K, 2-K	8.61
8265	18045	21	3-K-1, 3-K-2	8.61
8268	18046	33		8.61
8263	18047	14		15.47
8266	18048	21	4-K	15.47
8269	18049	33		15.47
			Full Face	
8271	18061	14	00-K, 0-K	7.44
8274	18062	21	3-K-00, 3-K-0	7.44
8277	18063	33	2040	7.44
8272	18064	14	1-K, 2-K	8.61
8275	18065	21	3-K-1, 3-K-2	8.61
8278	18066	33		8.61
8273	18067	14		15.47
8276	18068	21	4-K	15.47
8279	18069	33		15.47

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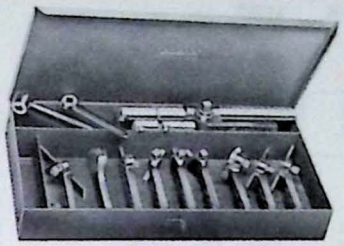
Extra Knurl Pins

Cat. No.	Ordering No.	For Tool Nos.	Price Per Pair
8095	15735	3-K-00, 3-K-0	$2.68
8096	15736	3-K-1, 3-K-2	3.77
8097	15710	00-K, 0-K	2.68
8098	15711	1-K, 2-K	3.77
8099	15712	4-K	5.49

LATHE TOOL SETS

Cat. Page 17 - Std. Pkg. 1

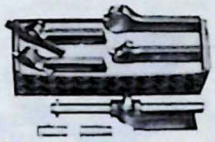
Cat. No.	Ordering No.	Holder Shank Size, In.	Price Each



"Big Ten" Sets - in steel case

A00	10021	5/16 x 3/4	$211.00
A0	10022	3/8 x 7/8	222.73
A1	10023	1/2 x1 1/8	262.60
A2	10024	5/8 x1 3/8	330.78
A3 ÷	10025	3/4 x1 5/8	378.87
A4 ÷	10026	7/8 x1 3/4	584.36

÷ in cardboard box



"Handy Five" Sets - in cardboard box

0-G	10028	3/8 x 7/8	129.16
1-G	10029	1/2 x1 1/8	150.82
2-G	10030	5/8 x1 5/8	188.56

EXTENSION SHAPER TOOLS

Furnished with tool bit and wrench

Cat. Page 18
Std. Pkg. 1

Cat. No.	Ordering No.	Shank Size, In.	Bar Dia. In.	Price Each
46	14001	3/8 x 7/8 x 5 1/2	1/2 x 7 1/2	$24.72
47	14002	1/2 x1 1/8 x 7	3/4 x10	27.78
48	14003	5/8 x1 3/8 x 8 1/2	15/16 x12	34.90
49	14004	3/4 x1 5/8 x10	1 1/8 x14	49.51
		Extra Bars		
0530	14030	-	1/2	18.06
0532	14034	-	5/8	19.05
0597	14037	-	3/4	20.97
0598	14040	-	15/16	23.79
0540	14042	-	1 1/8	24.27

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Bushings

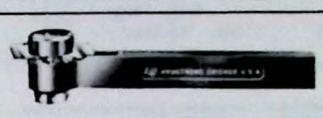
0530-A	14738	1/2" bar to #47	5.69
0530-B	14740	1/2" bar to #48	7.18
0530-C	14743	1/2" bar to #49	8.36
0532-A	14739	5/8" bar to #47	5.69
0532-B	14741	5/8" bar to #48	7.18
0532-C	14744	5/8" bar to #49	8.36
0597-A	14742	3/4" bar to #48	7.18
0597-B	14745	3/4" bar to #49	8.36
0598-A	14746	15/16" bar to #49	11.92

PLANER AND SHAPER TOOLS

Furnished with high speed tool bit and wrench

Cat. Page 18 - Std. Pkg. 1

Cat. No.	Ordering No.	Shank Size, In.	For Tool Bit, In.	Price Each



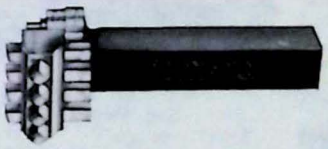
39	14061	3/8 x 7/8 x 5 1/2	1/4 x 1/4	$24.72
40	14062	1/2 x1 x 6	1/4 x 3/8	28.79
401	14063	3/8 x1 1/4 x 8 1/2	5/16 x 7/16	37.24
41	14064	3/4 x1 1/2 x10	3/8 x 1/2	48.51
42	14065	1 1/8 x1 3/4 x13	1/2 x 3/4	76.78
43	14066	1 3/8 x2 x16	5/8 x 7/8	134.61
44	14067	1 7/8 x2 1/4 x19	3/4 x1	241.43
45	14068	2 1/8 x2 3/4 x22	7/8 x1 1/8	352.86

GANG PLANER TOOLS

With 4 tool bits, wrench, grinding guage

Cat. Page 18 - Std. Pkg. 1

Cat. No.	Ordering No.	Shank Size, In.	For Tool Bit, In.	Price Each

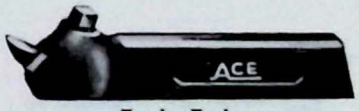


61	14081	1 1/4 x1 3/4 x 7 1/2	3/8 x 1/2	$179.17
62	14082	1 5/8 x2 1/4 x 9	1/2 x 3/4	303.14
63	14083	2 x2 1/2 x11	5/8 x 7/8	413.38

ACE TOOLS

Cat. Pages 19-21

Cat. No.	Ordering No.	Shank Size	Price Each



Turning Tools

With Tool Bit & Wrench - Std. Pkg. 1

2010-S	31001	3/8 x3/4	For	$7.60
2010-R	31003	3/8 x3/4	Tool Bit	7.60
2010-L	31002	3/8 x3/4	1/4" Sq.	7.60

Cutting Off Tools

2020-S	31011	3/8 x3/4	3/32 x 5/8	9.02
2020-R	31013	3/8 x3/4	3/32 x 5/8	9.02
2020-L	31012	3/8 x3/4	3/32 x 5/8	9.02

Continued in next column

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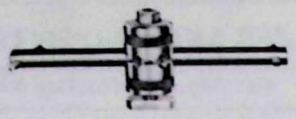
Ace Lathe Tool Sets
Std. Pkg. 1

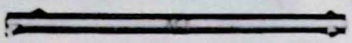
8AA	31054	⅜ x ¾	In steel case	103.13
8AF	31053	⅜ x ¾	In steel case	91.95
5A	31050	⅜ x ¾	In steel case	67.73



3-Bar Boring Tool
With ⅜", ½", ¾" bars, 4 bits, 3 wrenches
Std. Pkg. 1

†1455	31040	Not fitted	75.93

† Extra Net Charge For Fitting - $11.00



Broached Boring Bars
With 2 tool bits and wrench - Std. Pkg. 1

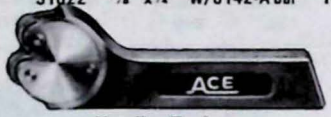
07-X	13061	½"dia.	3/16"bit	14.87
09-X	13063	¾"dia.	¼"bit	18.27

Boring Tools
With Boring Bar & Wrench-Std. Pkg. 1

2080	31023	⅜ x ¾	w/8142-A bar	17.99
2080-B	31024	⅜ x ¾	w/07-X bar	29.16

With Bar, Tool Bit & Wrench-Std. Pkg. 1

2030	31022	⅜ x ¾	w/8142-A bar	17.99



Knurling Tools
With Std. Face Med. Diamond Knurls
Std. Pkg. 1

2040	31017	⅜ x ¾	17.99

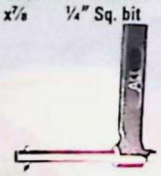
Threading Tools
Std. Pkg. 1

2050	31027	⅜ x ¾	15.14
8160	31028	Sharp V (60°) Cutter	9.39

Shaper Tool
With Tool Bit & Wrench - Std. Pkg. 1

2060	31037	⅜ x 7/8	¼" Sq. bit	22.56

Extension Shaper Tool Furnished with tool bit & wrench
Std. Pkg. 1



2046	31036	⅜ x 7/8	3/16 Sq. bit	22.88

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Lathe Dogs
Not Boxed

101	31061	3/16" capacity	3.39
201	31062	½	3.39
301	31063	¾	4.07
401	31064	1	5.02
501	31065	1¼	5.65
601	31066	1½	5.65

With Headless Safety Screws

101-H	31055	3/16" capacity	3.39
201-H	31056	½	3.39
301-H	31057	¾	4.07
401-H	31058	1	5.02
501-H	31059	1¼	5.65
601-H	31060	1½	5.65

Clamp Lathe Dogs
Not Boxed

2011	31031	1¾" capacity	12.83
2012	31032	2¼	17.15

DOGS
Cat. Page 22

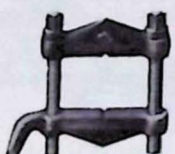
Cat. No.	Ordering No.	Capacity, In.	Price Each

Milling Machine Dogs - Not Boxed

42	19081	½	$7.94
43	19082	¾	8.71
44	19083	1	10.22
45	19084	1¼	12.39
46	19085	1½	14.53
47	19086	1¾	17.39
48	19087	2	20.13

Safety Clamp Lathe Dogs - Not Boxed

1-U	19151	⅛ to ⅜	12.88
2-U	19152	⅜ to 1	16.09
3-U	19153	⅝ to 1½	21.40
4-U	19154	⅞ to 2	29.41
5-U	19155	1¼ to 3	42.72
6-U	19156	1¾ to 4	64.09
7-U	19157	2½ to 5	85.40



Clamp Lathe Dogs
Std. Pkg. 1

11	19211	1¾	15.41
12	19212	2¼	20.48
13	19213	2¾	25.70
14	19214	3½	35.84

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Straight Tail Lathe Dogs
Not Boxed

Nos. 22 - 33

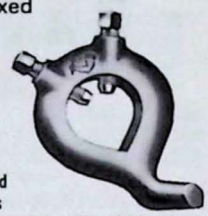
With Sq. Head Screws

22	19022	½	5.69
23	19023	¾	6.07
24	19024	1	7.17
26	19026	1½	10.21
28	19028	2	14.36
30	19030	3	23.55
32	19032	4	46.07
33	19033	5	81.91

Bent Tail Lathe Dogs
Not Boxed

Nos. 1 - 14

With Sq. Head Screws



Nos. 112 - 118

1	19001	⅜	5.10
2	19002	½	5.69
3	19003	¾	6.09
4	19004	1	7.17
5	19005	1¼	8.71
6	19006	1½	10.22
7	19007	1¾	12.39
8	19008	2	14.37
9	19009	2½	18.48
10	19010	3	23.55
11	19011	3½	30.65
12	19012	4	46.08
13	19013	5	81.92
14	19014	6	122.78
112	19112	4	81.92
113	19113	5	122.89
114	19114	6	174.14
117	19115	7	232.24
118	19116	8	309.62

Nos. 1-H - 14-H

With Safety Screws

Nos. 112-H - 118-H

1-H	19041	⅜	5.10
2-H	19042	½	5.69
3-H	19043	¾	6.09
4-H	19044	1	7.17
5-H	19045	1¼	8.71
6-H	19046	1½	10.22
7-H	19047	1¾	12.39
8-H	19048	2	14.37
9-H	19049	2½	18.48
10-H	19050	3	23.55
11-H	19051	3½	30.65

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12-H	19052	4	46.08
13-H	19053	5	81.92
14-H	19054	6	122.78
112-H	19122	4	81.92
113-H	19123	5	122.89
114-H	19124	6	174.14
117-H	19125	7	232.24
118-H	19126	8	309.62

IMPROVED LATHE TOOL POSTS

Furnished with wrench

Cat. Page 23 - Std. Pkg. 1

Cat. No.	Ordering No.	For Tool Holders, Shank Size, In.	Price Each

1-T	21001	½ x1⅛ and Less	$65.60
2-T	21002	⅝ x1⅜ and ¾ x1⅝	83.33
3-T	21003	¾ x1⅝ and ⅞ x1¾	107.35
4-T	21004	⅞ x1¾ and 1x2	127.14

Extra Net Charge For Fitting improved tool posts;
1-T, 2-T $13.00
3-T, 4-T $22.00

TOOL POST FITTINGS

Cat. Page 23 - Not Boxed - Unfinished

Cat. No.	Ordering No.	Center Hole Dimensions, In.	Price Each

Tool Posts

5	74001	1⁵⁄₁₆ x ⁷⁄₁₆	$3.66
10	74002	1¹⁵⁄₁₆ x ⁹⁄₃₂	4.66
20	74003	1⅞ x 1¹⁄₁₆	6.34
23	74004	2½ x 2¹⁄₃₂	7.26
28	74005	2¹¹⁄₁₆ x 1¹⁄₁₆	8.40
30	74006	2⅛ x ¾	9.37
40	74007	2½ x ⅞	13.61
50	74008	2⅞ x 1⁵⁄₁₆	17.62
60	74009	3⁹⁄₁₆ x1	35.37

Tool Post Wedges

Cat. No.	Ordering No.	Length x Width, Top, In.	For Post No.	Price Each
5	74021	2¹³⁄₃₂ x¹³⁄₃₂	5	$1.18
10	74022	3 x⁹⁄₁₆	10	1.30
11	74023	3⅜ x½	20	1.30
15	74024	3⅜ x⅝	20	1.45
18	74025	3⅞ x¹¹⁄₁₆	30	1.53
20	74026	3⅞ x¹¹⁄₁₆	30	1.55
30	74027	4⅜ x¾	40	1.83
40	74028	4⅞ x¹³⁄₁₆	40	2.17
60	74029	5¼ x¹³⁄₁₆	50	2.50

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Tool Post Rings

Cat. No.	Ordering No.	O.D. In.	Hole Dia., In.	For Post No.	Price Each
5	74041	2¼	1¹⁄₁₆	5	$1.45
10	74042	2¹³⁄₁₆	1⁵⁄₁₆	10	2.17
11	74043	3	1⅜	20	2.35
14	74044	3⅜	1⁷⁄₁₆	23	3.39
18	74045	3⁷⁄₁₆	1⁹⁄₁₆	28	4.13
20	74046	3½	1¾	30	3.66
30	74047	3½	2	40	4.51
40	74048	4	2	40	5.17
60	74049	4½	2³⁄₁₆	50	6.63

BORING HEADS

Cat. Page 24
Std. Pkg. 1

Cat. No.	Ordering No.	Actual Size, In.	Overall Length, In.	Price Each

Fits Boring Head Shanks BHS-1 Thru BHS-6

BH-15	13201	1½ sq.	2¼	$79.97
BH-15A	13202	1½ sq.	2¼	79.97
BH-20	13203	2 sq.	2¼	95.92
BH-20A	13204	2 sq.	2¼	95.92
BH-102	13205	2 dia.	2⁵⁄₁₆	111.94
BH-102A	13206	2 dia.	2⁵⁄₁₆	111.94

Fits Boring Head Shanks BHS-20 Thru BHS-26

BH-30	13207	3 sq.	3	135.89
BH-103	13208	3 dia.	3¼	153.47
BH-104	13209	4 dia.	3¾	215.86

BORING HEAD SHANKS

Cat. Page 24
Std. Pkg. 1

Cat. No.	Ordering No.	Discription	Price Each

Fits Boring Heads BH-15 Thru BH-102A

BHS-1	13351	Straight,1/2 " dia.	12.79
BHS-2	13352	Straight,5/8 " dia.	12.79
BHS-3	13353	Straight,3/4 " dia.	12.79
BHS-4	13354	Straight,1" dia.	12.79
BHS-5	13355	Moore Adpt.	31.19
BHS-6	13356	R-8 Bridgeport	24.78

Fits Boring Heads BH-30 Thru BH-104

BHS-20	13357	40 Nat.	31.19
BHS-21	13358	50 Nat.	47.98
BHS-22	13359	4 Morse	26.80
BHS-23	13360	R-8 Bridgeport	31.19
BHS-24	13361	Straight,1" dia.	16.79
BHS-25	13362	Straight,1¼ " dia.	23.99
BHS-26	13363	Straight1½ " dia.	23.99

BORING BARS

Cat. Page 25
Std. Pkg. 1

Cat. No.	Ordering No.	Diam. In.	Length In.	Price Each

BB-1	13301	1/2	4½	9.59
BB-2	13302	1/2	4½	9.59
BB-3	13303	1/2	4½	9.59
BB-4	13304	1	6	12.79
BB-5	13305	1	6	12.79
BB-6	13306	3/4	6	12.79
BB-7	13307	3/4	6	12.79
BB-8	13308	3/4	6	12.79
BB-9	13309	1	6	12.79

BORING CUTTERS

Cat. Page 25
Std. Pkg. 5

Cat. No.	Ordering No.	Shank Diam. In.	Overall Length, In.	Price Each

BC-1HS	13251	3/8	2	10.40
BC-2HS	13252	3/8	2⁵⁄₁₆	10.40
BC-3HS	13253	3/8	2⅝	10.40
BC-4HS	13254	3/8	2⅞	10.40
BC-5HS	13255	3/8	3¹⁄₁₆	10.88
BC-6HS	13256	3/8	3½	11.19
BC-10HS	13257	1/2	2	10.40
BC-11HS	13258	1/2	2⁵⁄₁₆	10.40
BC-12HS	13259	1/2	2⅝	10.40
BC-13HS	13260	1/2	2⅞	10.40
BC-14HS	13261	1/2	3¹⁄₁₆	10.88
BC-15HS	13262	1/2	3½	11.19
BC-20HS	13263	3/4	3⅞	25.58
BC-21HS	13264	3/4	4⅜	28.78
BC-22HS	13265	3/4	4⅞	31.68
BC-30HS	13266	1	3⅞	25.58
BC-31HS	13267	1	4⅜	28.78
BC-32HS	13268	1	4⅞	31.68

BORING CUTTER SETS

Cat. Page 25

Cat. No.	Ordering No.	Shank Diam.	No. of Cut in Set	Set Price

BCS-375	13401	3/8 "	6	63.67
BCS-500	13402	1/2 "	6	63.67
BCS-750	13403	3/4 "	3	86.04

CLAMPS

Cat. Pages 26-28 - Std. Pkg. 1

Cat. No.	Ordering No. W/std. Screw	Ordering No. W/full Lgth Screw	Max Cap. In.	Price Each W/std. Screw	Price Each W/full Lgth Screw
			Heavy Duty "C" Clamps		
0	20001	*	¾	$4.44	$
1	20002	*	1¼	6.62	
1½	20003	*	1¾	11.04	
2	20004	20151	2¼	15.29	18.63
3	20005	20152	3¼	21.91	26.53
4	20006	20153	4½	28.53	34.17
5	20007	20154	5½	35.22	42.00
6	20008	20155	6½	43.93	51.79
8	20009	20156	8½	61.49	72.47
10	20010	20157	10½	83.31	98.32
12	20011	20158	12½	109.63	130.35
			Medium Service "C" Clamps		
102	20021	*	2	15.51	
103	20022	*	3	17.58	
104	20023	*	4	20.02	
106	20024	20171	6	24.21	27.53
108	20025	20172	8	28.59	33.10
110	20026	20173	10	33.17	39.27
112	20027	20174	12	37.65	46.28
115	20028	20175	15	48.37	55.61
118	20029	20176	18	61.80	71.06
			Extra Deep Throat "C" Clamps		
401½	20041	*	1½	5.17	
402	20042	*	2	6.20	
403	20043	*	3	7.54	
404	20044	*	4	9.14	
406	20045	*	6	12.60	
408	20046	*	8	16.58	
410	20047	20182	10	20.94	22.35
412	20048	20183	12	27.24	29.57
			Extra Deep Throat - Welder's Pattern Cadmium Plated		
401½-S	20061	*	1½	6.25	
402-S	20062	*	2	7.15	
403-S	20063	*	3	8.89	
404-S	20064	*	4	11.52	
406-S	20065	*	6	14.82	
408-S	20066	*	8	18.83	
410-S	20067	20192	10	23.64	24.82
412-S	20068	20193	12	29.49	30.94

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		Square Throat "C" Clamps		
1403	20053	*	3	9.19
1404	20054	*	4	11.20
1406	20055	*	6	19.51
1408	20056	*	8	24.20
		Square Throat - Welder's Pattern Cadmium Plated		
1403-S	20073	*	3	12.91
1404-S	20074	*	4	15.63
1406-S	20075	*	6	23.40
1408-S	20076	*	8	29.04

CARRIAGE "C" CLAMPS

Std. Pkg. 5...Except 8" Clamps And Larger...Not Packaged

Cat. No.	Ordering No.	Max. Capacity	Price Each
5402	20201	2 ½	$2.71
5403	20202	3	2.82
5404	20203	4	3.83
5405	20204	5	4.64
5406	20205	6	5.30
5408	20206	8	8.05
5410	20207	10	11.18
5412	20208	12	14.43
5414	20209	14	18.94
		Toolmakers "C" Clamps With Ball-joint Swivel Pad		
201	20091	*	1	7.24
202	20092	*	2	8.40
203	20093		3	10.80
204	20094		4	14.96
		With Plain Screw		
201-P	20081	*	1	4.60
202-P	20082	*	2	6.13
203-P	20083		3	8.02
204-P	20084		4	11.78

* Standard Clamp Comes With Full Length Screw.

		Machinists' Clamps		
301	20101		1¼	13.88
302	20102		2¼	18.62
303	20103		3¼	23.21
304	20104		4¼	27.85

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Continued from previous column

		Parallel Clamps	
311	20110	1¼	6.04
313	20111	1¾	6.48
315	20112	2½	8.64

MACHINISTS' VISES

Cat. Page 29 - Std. Pkg. 1

Cat. No.	Ordering No.	Capacity, Inches	Price Each
		Swivel Base	
MV-1	26201	4	$ 73.38
MV-2	26202	5	85.14
MV-3	26203	6	101.10
MV-4	26204	7	119.64
MV-5	26205	8	160.72
MV-6	26206	10	258.84
MV-8	26207	12	538.14
		Stationary Base	
MV-10	26211	4	$ 59.14
MV-12	26212	5	68.42
MV-13	26213	6	80.16
MV-14	26214	7	98.70
MV-15	26215	8	125.08
MV-16	26216	10	213.66
MV-18	26217	12	445.64
		Adjustable Jaw	
MV-22	26221	5	$115.04
MV-24	26222	6	162.34
MV-26	26223	9	323.52
		Combination Pipe Swivel Base	
MV-32	26231	4	$107.20
MV-34	26232	5	144.86
MV-35	26233	6	227.04
MV-36	26234	10	347.90
		Sheet Metal	
MV-44	26241	9	$145.04

Continued in next column

Continued from previous column

Swivel Base Kit

Cat. No.	Ordering No.	Fits Vise No.	Price Each
SBK-1	26251	MV-10	$14.24
SBK-2	26252	MV-12	16.72
SBK-3	26253	MV-13, MV-14	20.92
SBK-5	26254	MV-15	35.64
SBK-6	26255	MV-16	45.20
SBK-8	26256	MV-18	92.48

"T" SLOT CLAMPS
Cat. Page 30 - Std. Pkg. 1

Cat. No.	Ordering No.	Capacity, In.	Has T Bolt No.	Price Each
712	26060	0 - 2¼	8281	$28.11
713	26061	0 - 3¼	8302	41.03
713-B	26062	0 - 3¼	8323	42.15

"T" SLOT BOLTS
Cat. Page 30 - Std. Pkg. 25
(7" & Longer Not Boxed)

Cat. No.	Ordering No.	Length Under Head, In.	Price Each Std. Pkg.	Price Each Brkn. Pkg.
		A= ⅜" B= ⅝" C= 3/16" D= ⅜"		
7984	28001	1	.53	$.58
7990	28002	1½	.53	.58
7991	28003	2	.53	.58
7992	28004	2½	.63	.69
7993	28005	3	.63	.69
7994	28006	3½	.63	.69
7995	28007	4	.66	.73
7997	28009	5	.76	.84
7999	28011	6	.91	1.00
		A= ½" B= ⅞" C= 9/32" D= ½"		
8281	28051	1½	1.00	1.10
8282	28052	2	1.00	1.10
8283	28053	2½	1.00	1.10
8284	28054	3	1.05	1.16
8285	28055	3½	1.11	1.22
8286	28056	4	1.21	1.33
8287	28057	4½	1.21	1.33

Continued from previous column

8288	28058	5	1.29	1.42
8289	28059	5½	1.31	1.44
8290	28060	6	1.38	1.52
8290-A	28061	7	1.42	
8291	28062	8	1.63	
8292	28063	10	1.76	
8293	28064	12	2.08	
		A= ⅝" B=1 1/16" C= 5/16" D= ⅝"		
8301	28101	1½	1.38	1.52
8302	28102	2	1.38	1.52
8303	28103	2½	1.43	1.57
8304	28104	3	1.49	1.64
8305	28105	3½	1.49	1.64
8306	28106	4	1.63	1.79
8307	28107	4½	1.63	1.79
8308	28108	5	1.72	1.89
8309	28109	5½	1.72	1.89
8310	28110	6	1.80	1.98
8310-A	28111	7	1.84	
8311	28112	8	2.08	
8312	28113	10	2.22	
8313	28114	12	2.48	
8314	28115	14	2.59	
8315	28116	16	2.75	
8316	28117	18	3.00	
8317	28118	20	3.17	
		A= ¾" B=1 3/16" C= 7/16" D= ¾"		
8322	28151	2	1.80	1.98
8323	28152	2½	1.88	2.07
8324	28153	3	1.93	2.12
8325	28154	3½	2.08	2.29
8326	28155	4	2.08	2.29
8327	28156	4½	2.18	2.40
8328	28157	5	2.22	2.44
8329	28158	5½	2.34	2.57
8330	28159	6	2.34	2.57
8330-A	28160	7	2.43	
8331	28161	8	2.68	
8332	28162	10	2.96	
8333	28163	12	3.26	
8334	28164	14	3.41	
8335	28165	16	3.72	
8336	28166	18	3.98	
8337	28167	20	4.25	
		A= ¾" B=1½" C= 9/16" D= ⅞"		
7700	28201	2½	2.15	2.37
7701	28202	3	2.22	2.44
7702	28203	3½	2.31	2.54
7703	28204	4	2.34	2.57
7704	28205	4½	2.48	2.73
7705	28206	5	2.55	2.81
7706	28207	5½	2.57	2.83
7707	28208	6	2.68	2.95
7708	28209	7	2.86	
7709	28210	8	3.05	
7711	28211	10	3.42	
7712	28212	12	3.59	
		A= ⅞" B=1¾" C= ⅝" D= 1"		
7719	28251	3	2.68	2.95
7720	28252	4	2.86	3.15
7721	28253	5	3.05	3.36
7722	28254	6	3.19	3.51
7723	28255	7	3.59	
7724	28256	8	3.72	
7726	28257	10	4.10	
7727	28258	12	4.51	
7728	28259	14	5.01	
7729	28260	16	5.32	
7730	28261	18	5.79	
7731	28262	20	6.11	

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"T" SLOT NUTS-HEX NUTS-WASHERS
Cat. Page 30

Cat. No.	Ordering No.	T-Slot Size In.	T-Slot U.S.Std. Thrds.	Price Each Std. Pkg.	Price Each Brkn. Pkg.
		Std. Pkg. 25			
5-TN	28305	⅜	½ - 13	1.63	1.79
6-TN	28306	¾	⅝ - 11	2.37	2.61
7-TN	28307	⅞	¾ - 10	3.19	3.51
8-TN	28308	1	⅞ - 9	4.00	4.40

Std. Pkg. N-19, 20, 21-100; N-22, 23-50

Cat. No.	Ordering No.	Bolt Dia. In.	Across Flats In.	Price Each Std. Pkg.	Price Each Brkn. Pkg.
N-19	28319	⅜	11/16	.32	.35
N-20	28320	½	⅞	.42	.46
N-21	28321	⅝	1 1/16	.66	.73
N-22	28322	¾	1¼	.91	1.00
N-23	28323	⅞	1 7/16	1.38	1.52

Std. Pkg. 100

Cat. No.	Ordering No.	I.D. In.	O.D. In.	Thickness In.	Price Each Std. Pkg.	Price Each Brkn. Pkg.
W-9	28309	7/16	⅞	3/16	$.22	.24
W-10	28310	9/16	1	3/16	.28	.31
W-11	28311	23/32	1¼	¼	.32	.35
W-12	28312	27/32	1½	¼	.42	.46
W-13	28313	31/32	1¾	¼	.66	.73

MACHINE STRAP CLAMPS
Cat. Page 31 - Not Boxed

Cat. No.	Ordering No.	Length In.	Slot Size, In.	Price Each
		Plain Clamp		
54	26001	4	11/16 x 1⅜	$2.93
56	26002	6	11/16 x 2 1/16	4.86
58	26003	8	13/16 x 2 13/16	8.28
59	26004	10	15/16 x 3 11/16	13.67
		Screw Heel Clamp		
54-A	26011	4	11/16 x 1⅜	5.40
56-A	26012	6	11/16 x 2 1/16	8.28
58-A	26013	8	13/16 x 2 13/16	12.66
59-A	26014	10	15/16 x 3 11/16	19.48

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Finger Clamp

44	26041	4	11/16 x 1 3/8	2.93
46	26042	6	11/16 x 1 13/16	4.86
48	26043	8	13/16 x 2 9/16	8.28

"U" Clamp

64	26051	4	11/16 x 3 1/2	2.93
66	26052	6	11/16 x 5 1/2	4.86
68	26053	8	13/16 x 7 3/8	8.28
110	26054	10	15/16 x 9	12.22
112	26055	12	1 1/16 x11	18.11

Goose Neck Clamp

74	26021	4	11/16 x 15/16	3.23
76	26022	6	11/16 x 1 11/16	5.35
78	26023	8	13/16 x 2 7/16	9.11

Universal Adjustable Clamp

21	26081	5 1/16		7.11
22	26082	8		14.11
23	26083	12		28.02

SET-UP WEDGES

Cat. Page 31 - Std. Pkg. 10

Cat. No.	Ordering No.	Length In.	Width In.	Price Each Std. Pkg.	Price Each Brkn. Pkg.
3WG	28331	3	1	$1.06	$1.17
5WG	28332	5	1	1.65	1.82
6WG	28333	6	1¼	2.17	2.39

JACKS AND STEP BLOCKS

Cat. Page 32 - Std. Pkg. 1

Cat. No.	Ordering No.	Height, In. Contracted	Height, In. Extended	Price Each
1	29001	2⅞		$13.42
2	29002	4		17.91
3	29003	5⅜		31.63
4	29004	7½	12	60.79

Planer Jacks

Continued in next column

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Adjustable Step Block

251	26071	5½	7¾	24.65

Vertical Jacks

351	29351	2⅞	4⅛	9.21
352	29352	4⅛	6⅜	14.04
353	29353	7⅛	11½	21.12
354	29354	9	14¾	31.60

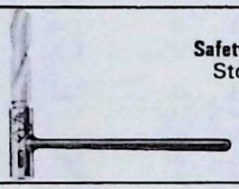
Bracing Jacks

361	29361	3⅞	5½	8.29
362	29362	4⅞	7¼	12.96
363	29363	7⅛	11½	19.34
364	29364	9⅛	15½	26.42

MACHINE SHOP SPECIALTIES

Cat. Page 33

Safety Drill Holder
Std. Pkg. 1



Cat. No.	Ordering No.	For Shank, Morse Taper No.	Holds Drill, In.	Price Each
1	23001	1	1/16 to 9/16	$13.35
2	23002	2	37/64 to 29/32	16.50
3	23003	3	59/64 to 1¼	22.04
4	23004	4	1 17/64 to 2	35.52
5	23005	5	2 1/64 to 3	66.02

Plain Drill Drifts - Std. Pkg. 10

Cat. No.	Ordering No.	Fits Sockets & Sleeves	Price Each
1	25001	No. 1	$2.10
2	25002	No. 2	2.50
3	25003	No. 3	2.80
4	25004	No. 4, 5, 6	4.30

Safety Drill Drifts - Std. Pkg. 1

1-A	25011	No. 1	19.50
2-A	25012	No. 2	24.42
3-A	25013	No. 3	34.03
4-A	25014	No. 4, 5, 6	47.26

QUICK ACTION DRILL VISES

Cat. Page 33 - Std. Pkg. 1

Cat. No.	Ordering No.	Capacity, Inches	Price Each
1-V	27001	2	$76.88
2-V	27002	2¾	102.43
3-V	27003	3½	136.73

RATCHET DRILLS

Cat. Page 33 - Std. Pkg. 1

Cat. No.	Ordering No.	Price Each
9-C	21071	107.07
12-C	21072	109.31
15-C	21073	128.34
22-C	21074	164.19
	Drilling Posts	
10	21011	67.96
12	21012	88.87

HOIST HOOKS

Cat. Page 34 - Not Boxed

Cat. No.	Ordering No.	Safe Working Load	Ave. Load of Elastic Limit	Price Each
22	32001	.5	.9	$.95
23	32002	.6	1.2	1.28
24	32003	.7	1.5	1.65
25	32004	1.2	2.5	1.91
26	32005	1.7	3.5	2.93
27	32006	2.1	4.2	3.16
28	32008	2.5	5.4	6.02
29	32009	3.0	6.2	7.17
30	32010	4.0	8.0	9.61
31	32011	4.7	9.0	11.75
32	32012	5.5	11.0	14.96
33	32013	6.8	13.0	23.69
34	32014	8.0	17.0	46.49
35	32015	11.0	21.0	97.74
36	32016	20.0	40.0	189.43
36-A	32017	25.0	50.0	227.34

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SAFETY LATCH KITS
Cat. Page 34 - Std. Pkg. 1

Cat. No.	Ordering No.	For Hoist Hook, No.	Price Each
SL-22	32022	22	$.53
SL-23	32023	23	.53
SL-24	32024	24	.63
SL-25	32025	25	.63
SL-26	32026	26	1.45
SL-27	32027	27	1.45
SL-28	32028	28	2.68
SL-29	32029	29	3.12
SL-30	32030	30	4.05
SL-31	32031	31	5.08
SL-32	32032	32	5.98
SL-33	32033	33	6.15
SL-34	32034	34	8.53
SL-35	32035	35	10.12
SL-36	32036	36,36A	10.48

EYE BOLTS
Cat. Page 35
Std. Pkg. 25 (3/4" & under) &
10 (7/8" & 1") Larger Sizes Not Boxed

Blank Cat. No.	Blank Ordering No.	Blank Price Each	Threaded Cat. No.	Threaded Ordering No.	Threaded Price Each
				Plain Pattern	
1	22101	$.44	1	22001	$.65
2	22102	.48	2	22002	.69
3	22103	.52	3	22003	.78
4	22104	.56	4	22004	.86
5	22105	.65	5	22005	1.00
6	22106	.78	6	22006	1.17
7	22107	1.05	7	22007	1.52
8	22108	1.43	8	22008	1.98
9	22109	1.93	9	22009	2.60
10	22110	2.60	10	22010	3.52
11	22111	3.80	11	22011	4.92
12	22112	5.45	12	22012	6.86
14	22114	9.45	14	22014	11.81
15	22115	14.15	15	22015	17.69
16	22116	20.09	16	22016	25.03
17	22117	33.07	17	22017	41.56
				Shoulder Pattern	
21	22121	.44	21	22021	.65
22	22122	.48	22	22022	.69
23	22123	.52	23	22023	.78
24	22124	.56	24	22024	.86
25	22125	.65	25	22025	1.00
26	22126	.78	26	22026	1.17
27	22127	1.05	27	22027	1.52
28	22128	1.43	28	22028	1.98
29	22129	1.93	29	22029	2.60
30	22130	2.60	30	22030	3.52
31	22131	3.80	31	22031	4.92
32	22132	5.45	32	22032	6.86
34	22134	9.45	34	22034	11.81
35	22135	14.15	35	22035	17.69
36	22136	20.09	36	22036	25.03

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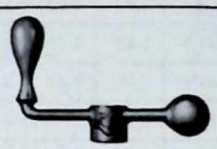
For prices of special eye bolts, See page 14

HANDLES
Cat. Page 34 - Not Boxed



Balance Handles

Cat. No.	Unfinished Ordering No.	Price Each
434	33107	$8.34
439	33108	10.48
512	33101	3.06
516	33102	3.52
520	33103	3.83
522	33104	4.16
525	33105	4.81
529	33106	5.92

Crank Handles

Cat. No.	Unfinished Ordering No.	Unfinished Price Each	Finished Ordering No.	Finished Price Each	Broached Ordering No.	Broached Price Each
00	33041	2.77	33001	7.38	33021	4.79
0	33042	3.06	33002	7.94	33022	5.15
1	33043	3.52	33003	9.10	33023	5.63
2	33044	3.52	33004	9.10	33024	5.63
4	33045	4.16	33005	10.48	33025	6.38
6	33046	5.15	33006	12.51	33026	7.76
8	33047	6.48	33007	15.27	33027	9.52
10	33048	8.34	33008	18.88	33028	11.72
12	33049	10.48	33009	23.06	33029	14.27
14	33050	11.97	33010	25.81	33030	15.83
16	33051	15.71	33011	32.36	33031	20.47

DID YOU KNOW —
ARMSTRONG MANUFACTURES OVER 5500 INDUSTRIAL QUALITY TOOLS

POWER DRIVES, INC.
324 THIRD ST., S. W.
WINTER HAVEN, FLORIDA 33880

ARMSTRONG TOOLS
Order by Catalog Number and Description

	Cat No.	*1	*2	3	4	5	6	7	8	9	10	11	12	14	15	16	17
PLAIN PATTERN	Ordering No Blank	22101	22102	22103	22104	22105	22106	22107	22108	22109	22110	22111	22112	22114	22115	22116	22117
	Ordering No Threaded	22001	22002	22003	22004	22005	22006	22007	22008	22009	22010	22011	22012	22014	22015	22016	22017
	Cat No	21	22	23	24	25	26	27	28	29	30	31	32	34	35	36	.....
SHOULDER PATTERN	Ordering No Blank	22121	22122	22123	22124	22125	22126	22127	22128	22129	22130	22131	22132	22134	22135	22136	.....
	Ordering No Threaded	22021	22022	22023	22024	22025	22026	22027	22028	22029	22030	22031	22032	22034	22035	22036	.....
Shank Diameter		1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1-1/8	1-1/4	1-1/2	1-3/4	2	2-1/2
Shank Length		1	1-1/8	1-1/4	1-3/8	1-1/2	1-5/8	1-3/4	2	2-1/4	2-1/2	2-3/4	3	3-1/2	3-3/4	4	5
Price Each, Blank		.44	.48	.52	.56	.65	.78	1.05	1.43	1.93	2.60	3.80	5.45	9.45	14.15	20.09	33.07
Price Each, Threaded		.65	.69	.78	.86	1.00	1.17	1.52	1.98	2.60	3.52	4.92	6.86	11.81	17.69	25.03	41.56
Price Each, Special Lengths, Blank (Plus Set-up Charge—See Below)	2 In	.86	.92	1.05	1.13	1.29	1.58	2.08	1.43	1.93	2.60	3.80	5.45	9.45	14.15	20.09	33.07
	3	.86	.92	1.05	1.13	1.29	1.58	2.08	2.56	3.15	3.97	5.51	5.45	9.45	14.15	20.09	33.07
	4	1.17	.92	1.05	1.13	1.29	1.58	2.08	2.56	3.15	4.03	5.51	7.82	12.52	17.96	20.09	33.07
	5	1.45	1.23	1.35	1.44	1.60	1.97	2.55	2.56	3.15	4.03	5.51	7.82	12.52	17.96	24.79	33.07
	6	1.77	1.55	1.64	1.76	1.89	2.35	3.00	3.10	3.80	4.83	6.41	7.82	12.52	17.96	24.79	36.60
	7	2.08	1.84	1.95	2.07	2.20	2.74	3.45	3.66	4.47	5.64	7.33	8.91	14.08	20.27	27.87	40.15
	8	2.37	2.13	2.26	2.35	2.49	3.15	3.86	4.21	5.12	6.47	8.26	9.99	15.62	22.53	30.97	43.66
	9	2.70	2.45	2.56	2.64	2.82	3.54	4.39	4.77	5.80	7.30	9.20	11.07	17.16	24.84	34.01	47.20
	10	2.98	2.74	2.86	2.97	3.10	3.92	4.84	5.32	6.45	8.13	10.12	12.16	18.74	27.16	37.10	50.73
	11	3.28	3.05	3.17	3.26	3.41	4.32	5.34	5.86	7.11	8.93	11.02	13.26	20.30	29.46	40.16	54.26
	12	3.59	3.37	3.45	3.56	3.72	4.71	5.80	6.44	7.78	9.76	11.98	14.33	21.85	31.77	43.23	57.78
	13	....	....	....	....	....	....	....	....	....	†10.58	†12.98	†15.42	23.36	34.05	46.30	....
	14	....	....	....	..	....	....	....	....	....	†11.39	†13.83	†16.48	24.95	36.34	49.37	.....
	15	....	....	....	....	....	....	....	....	....	†12.20	†14.75	†17.55	26.49	38.65	52.43	.....
	16	....	....	....	....	....	....	....	....	....	†12.99	†15.68	†18.62	28.04	40.96	55.50	.....
	17	....	....	....	....	....	....	....	....	....	†13.81	†16.58	†19.68	29.59	43.26	58.56	.....
	18	....	....	....	....	....	....	....	....	....	†14.58	†17.50	†20.77	31.15	45.55	61.64	.....
		*No. 1 and No. 2 Plain Pattern Eye Bolts available in Std. Lgths. only												† Available in Shoulder Pattern only			
		For Special Length Threaded Eye Bolts, Add the Following:															
PRICE PER IN. of Thread (or fraction thereof)		.22	.22	.22	.22	.22	.22	.30	.30	.30	*.32	*.35	*.46	*.63	*.90	*1.23	1.67

*Lengths 13" and over, price on application

SPECIAL LENGTH EYE BOLTS

BLANK (Special Lengths)

(1) Per piece price shown above. Shorter than standard length will be priced at standard length.

(2) Add $5.00 net set-up charge for lot, for cutting off.

THREADED (Special Lengths up to 12")

(1) Price of blank eye bolt, including cutting off charge of $5.00 net for lot.

(2) Add $6.00 net set-up charge for lot, for threading.

(3) Add per piece price per table above. Eye bolt shanks are threaded U.N.C. Class 2A fit.

HIGH SPEED, GROUND TOOL BITS & BLADES

Tungsten Moly - Cat. Page 37, 38

Cat. No.	Ordering No.	Dimensions, Inches	Std. Pkg.	Price Each
		Tool Bits Squares		
2376	70001	3/16 x2	10	$1.18
2377	70002	1/4 x2 1/2	10	1.24
2378	70003	5/16 x2 1/2	10	1.38
2379	70004	3/8 x3	10	1.84
2380	70005	7/16 x3 1/2	5	2.40
2381	70006	1/2 x4	5	3.50
2382	70007	5/8 x4 1/2	5	5.20
2383	70008	3/4 x5	5	8.20
2384	70009	7/8 x6		13.20
2385	70010	1 x7		19.30
2386	70011	1 1/8 x8		28.00
2387	70012	1 1/4 x9		38.40
		Rectangulars		
2701	70101	1/4 x 3/8 x 2 1/2	10	1.82
2702	70102	1/4 x 1/2 x 3	10	2.00
2703	70103	1/4 x 1/2 x 4	10	2.70
2704	70104	1/4 x 1/2 x 6	10	4.00
2706	70106	5/16 x 7/16 x 3	10	2.20
2707	70107	5/16 x 1/2 x 3	10	2.20
2708	70108	3/8 x 1/2 x 3	10	2.60
2709	70109	3/8 x 1/2 x 4	10	3.40
2710	70110	3/8 x 1/2 x 6	5	5.00
2711	70111	3/8 x 5/8 x 4	5	4.10
2712	70112	3/8 x 5/8 x 5	5	5.00
2713	70113	3/8 x 5/8 x 6	5	6.10
2714	70114	3/8 x 3/4 x 4	5	4.70
2715	70115	3/8 x 3/4 x 6	5	6.90
2717	70117	7/16 x 3/4 x 6	5	7.28
2718	70118	1/2 x 3/4 x 4	5	5.00
2719	70119	1/2 x 3/4 x 6	5	7.60
2720	70120	1/2 x1 x 8	5	13.60
2721	70121	5/8 x 3/4 x 5	5	7.80
2722	70122	5/8 x 7/8 x 6	5	10.80
2723	70123	3/4 x1 x 6		14.30
2724	70124	7/8 x1 1/8 x 7		21.00

		Cut-Off Blades For Straight & R. H. Tools		
2410	70041	3/32 x 1/2 x 4 1/2	10	6.20
2411	70042	3/32 x 5/8 x 5	10	6.60
2412	70043	1/8 x 3/4 x 5	10	7.90
2413	70044	1/8 x 7/8 x 6	10	9.50
2414	70045	3/16 x1 x 6 1/2	5	11.30
2415	70046	3/16 x1 1/8 x 7	5	13.20
2416	70047	1/4 x1 1/4 x 7		15.70
2417	70048	1/4 x1 3/8 x 7		17.20
		For L. H. Tools		
2420	70051	3/32 x 1/2 x 4 1/2	10	6.20
2421	70052	3/32 x 5/8 x 5	10	6.60
2422	70053	1/8 x 3/4 x 5	10	7.90
2423	70054	1/8 x 7/8 x 6	10	9.50
2424	70055	3/16 x1 x 6 1/2	5	11.30
2425	70056	3/16 x1 1/8 x 7	5	13.20
2426	70057	1/4 x1 1/4 x 7		15.70
2427	70058	1/4 x1 3/8 x 7		17.20

Continued in next column

HIGH SPEED, GROUND TOOL BITS & BLADES

Cobalt - Cat. Page 37, 38

Cat. No.	Ordering No.	Dimensions, Inches	Std. Pkg.	Price Each
		Tool Bits Squares		
2388	70021	3/16 x2	10	$1.14
2389	70022	1/4 x2 1/2	10	1.24
2390	70023	5/16 x2 1/2	10	1.48
2391	70024	3/8 x3	10	2.00
2392	70025	7/16 x3 1/2	5	2.90
2393	70026	1/2 x4	5	4.10
2394	70027	5/8 x4 1/2	5	6.40
2395	70028	3/4 x5	5	10.00
2396	70029	7/8 x6		16.10
2397	70030	1 x7		24.00
2398	70031	1 1/8 x8		30.80
2399	70032	1 1/4 x9		42.20
		Rectangulars		
2731	70131	1/4 x 3/8 x 2 1/2	10	1.96
2732	70132	1/4 x 1/2 x 3	10	2.30
2733	70133	1/4 x 1/2 x 4	10	2.90
2734	70134	1/4 x 1/2 x 6	10	4.60
2736	70136	5/16 x 7/16 x 3	10	2.60
2737	70137	5/16 x 1/2 x 3	10	2.60
2738	70138	3/8 x 1/2 x 3	10	2.90
2739	70139	3/8 x 1/2 x 4	10	4.00
2740	70140	3/8 x 1/2 x 6	5	5.90
2741	70141	3/8 x 5/8 x 4	5	4.30
2742	70142	3/8 x 5/8 x 5	5	5.60
2743	70143	3/8 x 5/8 x 6	5	6.60
2744	70144	3/8 x 3/4 x 4	5	5.00
2745	70145	3/8 x 3/4 x 6	5	7.70
2747	70147	7/16 x 3/4 x 6	5	8.18
2748	70148	1/2 x 3/4 x 4	5	5.70
2749	70149	1/2 x 3/4 x 6	5	8.60
2750	70150	1/2 x1 x 8	5	17.10
2751	70151	5/8 x 3/4 x 5	5	9.70
2752	70152	5/8 x 7/8 x 6	5	13.30
2753	70153	3/4 x1 x 6		17.90
2754	70154	7/8 x1 1/8 x 7		24.20

		Cut-Off Blades For Straight & R. H. Tools		
2540	70240	3/32 x 1/2 x 4 1/2	10	6.30
2541	70241	3/32 x 5/8 x 5	10	6.90
2542	70242	1/8 x 3/4 x 5	10	8.50
2543	70243	1/8 x 7/8 x 6	10	10.40
2544	70244	3/16 x1 x 6 1/2	5	13.10
2545	70245	3/16 x1 1/8 x 7	5	16.50
2546	70246	1/4 x1 1/4 x 7		19.70
2547	70247	1/4 x1 3/8 x 7		21.80
		For L. H. Tools		
2550	70250	3/32 x 1/2 x 4 1/2	10	6.30
2551	70251	3/32 x 5/8 x 5	10	6.90
2552	70252	1/8 x 3/4 x 5	10	8.50
2553	70253	1/8 x 7/8 x 6	10	10.40
2554	70254	3/16 x1 x 6 1/2	5	13.10
2555	70255	3/16 x1 1/8 x 7	5	16.50
2556	70256	1/4 x1 1/4 x 7		19.70
2557	70257	1/4 x1 3/8 x 7		21.80

UNGROUND TOOL BITS & BLADES

High Speed Steel - Cat. Page 39

Cat. No.	Ordering No.	Dimensions, Inches	Std. Pkg.	Price Each
		Tool Bits For Turning Tools		
2301	71071	3/16 x2	10	$ .57
2302	71072	1/4 x2 1/2	10	.88
2303	71073	5/16 x2 1/2	10	1.15
2304	71074	3/8 x3	10	1.62
2305	71075	7/16 x3 1/2	5	2.17
2306	71076	1/2 x4	5	3.05
2307	71077	5/8 x4 1/2	5	4.79
2308	71078	3/4 x5	5	7.29
2309	71079	7/8 x6		13.01
2310	71080	1 x7		21.42
2312	71082	1 1/4 x9		39.71
		For Planer, Gang Planer Tools		
2351	71091	1/4 x 3/8 x 2 1/2	10	1.40
2352	71092	5/16 x 7/16 x 3	10	2.22
2353	71093	3/8 x 1/2 x 3 1/2	10	3.15
2354	71094	1/2 x 3/4 x 4 1/4		5.10
2355	71095	5/8 x 7/8 x 5		9.89
2356	71096	3/4 x1 x 6		13.75
2357	71097	7/8 x1 1/8 x 7		20.70
		For Boring Tools		
2322	71103	3/16 x1 1/4	10	.57
2324	71106	1/4 x1 3/4	10	.88
2326	71109	5/16 x2 1/4	10	1.17
2328	71112	3/8 x2 3/8	10	1.58
2330	71115	7/16 x2 7/8	5	2.11
2332	71118	1/2 x3 1/4	5	3.00
2334	71121	5/8 x4	5	4.70

		Cut-Off Blades For Straight & R. H. Tools		
2401	71151	3/32 x 1/2 x 4 1/2	10	4.90
2402	71152	3/32 x 5/8 x 5	10	5.33
2403	71153	1/8 x 3/4 x 5	10	6.40
2404	71154	1/8 x 7/8 x 6	10	7.83
2405	71155	3/16 x 1 x 6 1/2	5	9.20
2406	71156	3/16 x1 1/8 x 7	5	10.72
2407	71157	1/4 x1 1/4 x 7		12.85
2408	71158	1/4 x1 3/8 x 7		13.99
		For Left Hand Tools		
2451	71141	3/32 x 1/2 x 4 1/2	10	4.90
2452	71142	3/32 x 5/8 x 5	10	5.33
2453	71143	1/8 x 3/4 x 5	10	6.40
2454	71144	1/8 x 7/8 x 6	10	7.83
2455	71145	3/16 x1 x 6 1/2	5	9.20
2456	71146	3/16 x1 1/8 x 7	5	10.72
2457	71147	1/4 x1 1/4 x 7		12.85
2458	71148	1/4 x1 3/8 x 7		13.99
		Side Tool Blades For R. H. Tools		
2621	71181	1/8 x 1/2 x 4 1/2	5	5.43
2622	71182	3/32 x 5/8 x 5	5	5.89
2623	71183	3/16 x 3/4 x 6	5	7.03
2624	71184	1/4 x 7/8 x 7	5	8.64
2625	71185	5/16 x1 x 8	5	14.27
2626	71186	3/8 x1 1/4 x 9		19.24

GROUND-TO-FORM TOOL BITS

High Speed Steel - Cat. Page 38
Not Boxed

Cat. No.	Ordering No.	Dimensions, Inches	Price Each
		1 2 3 4 5 6 7 8 9 10	
		L. H. Turning Tool (Shape 1)	
2202	71011	¼ x2½	$2.30
2203	71021	5/16 x2½	3.43
2204	71031	⅜ x3	4.86
		Round Nose Turning Tool (Shape 2)	
2212	71012	¼ x2½	2.30
2213	71022	5/16 x2½	3.43
2214	71032	⅜ x3	4.86
		R. H. Turning Tool (Shape 3)	
2222	71013	¼ x2½	2.30
2223	71023	5/16 x2½	3.43
2224	71033	⅜ x3	4.86
		L. H. Corner Tool (Shape 4)	
2232	71014	¼ x2½	2.30
2233	71024	5/16 x2½	3.43
2234	71034	⅜ x3	4.86
		Threading Tool (Shape 5)	
2242	71015	¼ x2½	2.30
2243	71025	5/16 x2½	3.43
2244	71035	⅜ x3	4.86
		R. H. Corner Tool (Shape 6)	
2252	71016	¼ x2½	2.30
2253	71026	5/16 x2½	3.43
2254	71036	⅜ x3	4.86
		L. H. Side Tool (Shape 7)	
2262	71017	¼ x2½	2.30
2263	71027	5/16 x2½	3.43
2264	71037	⅜ x3	4.86
		Square Nose Tool (Shape 8)	
2272	71018	¼ x2½	2.30
2273	71028	5/16 x2½	3.43
2274	71038	⅜ x3	4.86
		R. H. Side Tool (Shape 9)	
2282	71019	¼ x2½	2.30
2283	71029	5/16 x2½	3.43
2284	71039	⅜ x3	4.86
		Brass Tool (Shape 10)	
2292	71020	¼ x2½	2.30
2293	71030	5/16 x2½	3.43
2294	71040	⅜ x3	4.86
		Sets - 1 of each shape	
		Sets Individually Boxed	
0415	71001	¼ x2	23.00
0405	71002	5/16 x2	34.30
0406	71003	⅜ x3	48.60
0136S	310731 Ea. 1,2,3,5,6,10		13.80

ARMALOY TOOL BITS & BLADES

Cat. Page 41

Cat. No.	Ordering No.	Dimensions, Inches	Std. Pkg.	Price Each
		ARMALOY ARMSTRONG - CHICAGO, U.S.A.		
		Tool Bits		
2641	73041	¼ x2⅛	10	$2.31
2642	73042	5/16 x2½	10	3.66
2643	73043	⅜ x3	10	5.26
2644	73044	7/16 x3½	5	7.77
2645	73045	½ x4	5	11.71
2646	73046	⅝ x4½	5	17.91
2647	73047	¾ x5	5	27.70
		ARMALOY ARMSTRONG-CHICAGO U.S.A.		
		Cut-Off Blades		
		For Straight, R. H., L. H. Tools		
2669	73069	⅛ x ¾ x6	5	12.81
2670	73070	⅛ x ⅞ x6	5	13.61
2671	73071	3/16 x1 x6	5	21.01
2672	73072	3/16 x1⅛ x6	5	23.68
2673	73073	¼ x1¼ x6	5	29.96

Style AL

Style AR

Style BL

Style BR

Style C

ARMSTRONG ARMIDE CARBIDE TIPPED CUTTERS—Cat. Page 40-41 Std. Package 10

Size In	No	Grade	Ordering No	No	Grade	Ordering No	PRICE EACH $ QUANTITY 1-4	5-9	10-24	25-49	50-99	100 or More
1/4 x 1-1/2	AL4	78	72021	AR4	78	72011						
		78B	72221		78B	72211	7 14	4 34	3 54	2 82	2 58	2 42
		883	72121		883	72111						
		370	72401		370	72411	7 16	4 36	3 56	2 84	2 60	2 44
5/16 x 2-1/4	AL5	78	72022	AR5	78	72012						
		78B	72222		78B	72212	7 30	4 50	3 70	2 98	2 74	2 58
		883	72122		883	72112						
		370	72402		370	72412	7 32	4 52	3 72	3 00	2 76	2 60
3/8 x 2-1/2	AL6	78	72023	AR6	78	72013						
		78B	72223		78B	72213	7 30	4 50	3 70	2 98	2 74	2 58
		883	72123		883	72113						
		370	72403		370	72413	7 32	4 52	3 72	3 00	2 76	2 60
7/16 x 3	AL7	78	72024	AR7	78	72014						
		78B	72224		78B	72214	7 30	4 50	3 70	2 98	2 74	2 58
		883	72124		883	72114						
		370	72404		370	72414	7 32	4 52	3 72	3 00	2 76	2 60
1/2 x 3-1/2	AL8	78	72025	AR8	78	72015						
		78B	72225		78B	72215	7 56	4 76	3 96	3 24	3 00	2 84
		883	72125		883	72115						
		370	72405		370	72415	7 64	4 84	4 04	3 32	3 08	2 92
5/8 x 4	AL10	78	72027	AR10	78	72017						
		78B	72227		78B	72217	8 12	5 32	4 52	3 80	3 56	3 40
		883	72127		883	72117						
		370	72407		370	72417	8 28	5 48	4 68	3 96	3 72	3 56
3/4 x 4-1/2	AL12	78	72028	AR12	78	72018						
		78B	72228		78B	72218	8 86	6 06	5 26	4 54	4 30	4 14
		883	72128		883	72118						
		370	72408		370	72418	9 16	6 36	5 56	4 84	4 60	4 44
1/4 x 1-1/2	BL4	78	72051	BR4	78	72041						
		78B	72251		78B	72241	7 14	4 34	3 54	2 82	2 58	2 42
		883	72151		883	72141						
		370	72421		370	72431	7 16	4 36	3 56	2 84	2 60	2 44
5/16 x 2-1/4	BL5	78	72052	BR5	78	72042						
		78B	72252		78B	72242	7 30	4 50	3 70	2 98	2 74	2 58
		883	72152		883	72142						
		370	72422		370	72432	7 32	4 52	3 72	3 00	2 76	2 60
3/8 x 2-1/2	BL6	78	72053	BR6	78	72043						
		78B	72253		78B	72243	7 30	4 50	3 70	2 98	2 74	2 58
		883	72153		883	72143						
		370	72423		370	72433	7 32	4 52	3 72	3 00	2 76	2 60
7/16 x 3	BL7	78	72054	BR7	78	72044						
		78B	72254		78B	72244	7 30	4 50	3 70	2 98	2 74	2 58
		883	72154		883	72144						
		370	72424		370	72434	7 32	4 52	3 72	3 00	2 76	2 60
1/2 x 3-1/2	BL8	78	72055	BR8	78	72045						
		78B	72255		78B	72245	7 56	4 76	3 96	3 24	3 00	2 84
		883	72155		883	72145						
		370	72425		370	72435	7 64	4 84	4 04	3 32	3 08	2 92
5/8 x 4	BL10	78	72057	BR10	78	72047						
		78B	72257		78B	72247	8 12	5 32	4 52	3 80	3 56	3 40
		883	72157		883	72147						
		370	72427		370	72437	8 28	5 48	4 68	3 96	3 72	3 56
3/4 x 4-1/2	BL12	78	72058	BR12	78	72048						
		78B	72258		78B	72248	8 86	6 06	5 26	4 54	4 30	4 14
		883	72158		883	72148						
		370	72428		370	72438	9 16	6 36	5 56	4 84	4 60	4 44
1/4 x 1-1/2	C4	78	72001									
		78B	72201				7 08	4 28	3 48	2 76	2 52	2 36
		883	72101									
		370	72441				7 10	4 30	3 50	2 78	2 54	2 38
5/16 x 2-1/4	C5	78	72002									
		78B	72202				7 24	4 44	3 64	2 92	2 68	2 52
		883	72102									
		370	72442				7 28	4 48	3 68	2 96	2 72	2 56
3/8 x 2-1/2	C6	78	72003									
		78B	72203				7 30	4 50	3 70	2 98	2 74	2 58
		883	72103									
		370	72443				7 32	4 52	3 72	3 00	2 76	2 60
7/16 x 3	C7	78	72004									
		78B	72204				7 42	4 62	3 82	3 10	2 86	2 70
		883	72104									
		370	72444				7 48	4 68	3 88	3 16	2 92	2 76

Style D

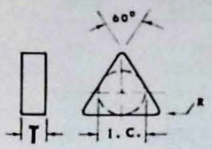
Style E

ARMSTRONG ARMIDE CARBIDE TIPPED CUTTERS Cat. Page 40-41 Std. Package 10	Size In.	No.	Grade	Ordering No.	PRICE EACH $ QUANTITY 1-4	5-9	10-24	25-49	50-99	100 or More
	1/2 x 3-1/2	C8	78	72005						
			78B	72205	7.64	4.84	4.04	3.32	3.08	2.92
			883	72105						
			370	72445	7.78	4.98	4.18	3.46	3.22	3.06
	5/8 x 4	C10	78	72007						
			78B	72207	8.58	5.78	4.98	4.26	4.02	3.86
			883	72107						
			370	72447	8.84	6.04	5.24	4.52	4.28	4.12
	3/4 x 4-1/2	C12	78	72008						
			78B	72208	9.66	6.86	6.06	5.34	5.10	4.86
			883	72108						
			370	72448	10.18	7.38	6.58	5.86	5.62	5.38
	1/4 x 1-1/2	D4	78	72031						
			78B	72231	7.06	4.26	3.46	2.74	2.50	2.34
			883	72131						
			370	72451	7.08	4.28	3.48	2.76	2.52	2.36
	5/16 x 2-1/4	D5	78	72032						
			78B	72232	7.18	4.38	3.58	2.86	2.62	2.46
			883	72132						
			370	72452	7.22	4.42	3.62	2.90	2.66	2.50
	3/8 x 2-1/2	D6	78	72033						
			78B	72233	7.28	4.48	3.68	2.96	2.72	2.56
			883	72133						
			370	72453	7.32	4.52	3.72	3.00	2.76	2.60
	7/16 x 3	D7	78	72034						
			78B	72234	7.32	4.52	3.72	3.00	2.76	2.60
			883	72134						
			370	72454	7.36	4.56	3.76	3.04	2.80	2.64
	1/2 x 3-1/2	D8	78	72035						
			78B	72235	7.44	4.64	3.84	3.12	2.88	2.72
			883	72135						
			370	72455	7.50	4.70	3.90	3.18	2.94	2.78
	5/8 x 4	D10	78	72037						
			78B	72237	8.08	5.28	4.48	3.76	3.52	3.36
			883	72137						
			370	72457	8.24	5.44	4.64	3.92	3.68	3.52
	3/4 x 4-1/2	D12	78	72038						
			78B	72238	9.12	6.32	5.52	4.80	4.56	4.40
			883	72138						
			370	72458	9.44	6.64	5.84	5.12	4.88	4.72
	1/4 x 1-1/2	E4	78B	72261	7.06	4.26	3.46	2.74	2.50	2.34
			350	72361	7.08	4.28	3.48	2.76	2.52	2.36
	5/16 x 2-1/4	E5	78B	72262	7.16	4.36	3.56	2.84	2.60	2.44
			350	72362	7.20	4.40	3.60	2.88	2.64	2.48
	3/8 x 2-1/2	E6	78B	72263	7.26	4.46	3.66	2.94	2.70	2.54
			350	72363	7.30	4.50	3.70	2.98	2.74	2.58
	7/16 x 3	E7	78B	72264	7.32	4.52	3.72	3.00	2.76	2.60
			350	72364	7.36	4.56	3.76	3.04	2.80	2.64
	1/2 x 3-1/2	E8	78B	72265	7.48	4.68	3.88	3.16	2.92	2.76
			350	72365	7.56	4.76	3.96	3.24	3.00	2.84
	5/8 x 4	E10	78B	72267	7.92	5.12	4.32	3.60	3.36	3.20
			350	72367	8.06	5.26	4.46	3.74	3.50	3.34
	3/4 x 4-1/2	E12	78B	72268	8.84	6.04	5.24	4.52	4.28	4.12
			350	72368	9.08	6.28	5.48	4.76	4.52	4.36

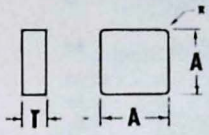
ARMSTRONG ARMIDE "THROW-AWAY" CARBIDE INSERTS—Cat. Page 42 Std. Package 10

Precision Ground (ground on all surfaces)—Negative Rake

NEGATIVE RAKE



Triangular

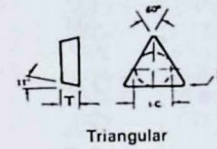


Square

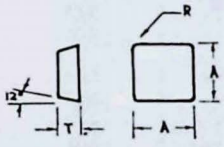
Dimensions, In			Style No	Grade	Ordering No	PRICE EACH S QUANTITY 1-9	10-24	25-49	50-99	100 or More
I C	T	R	Triangular							
			TB122 P3	883	68301	6.40	2.80	2.08	1.84	1.68
3/8	1/8	3/64		350	68311	6.60	3.00	2.28	2.04	1.88
				370	68321	6.60	3.00	2.28	2.04	1.88
			+TB163 P4	883	68303	7.52	3.92	3.20	2.96	2.80
1/2	3/16	1/16		350	68313	7.86	4.26	3.54	3.30	3.14
				370	68323	7.86	4.26	3.54	3.30	3.14
A	T	R	Square							
			SQ162 P2	883	68331	6.80	3.20	2.48	2.24	2.08
1/2	1/8	1/32		350	68341	7.00	3.40	2.68	2.44	2.28
				370	68351	7.00	3.40	2.68	2.44	2.28
			+SQ243 P4	883	68333	8.76	5.16	4.44	4.20	4.04
3/4	3/16	1/16		350	68343	9.36	5.76	5.04	4.80	4.64
				370	68353	9.36	5.76	5.04	4.80	4.64

Precision Ground (ground on all surfaces)—Positive Rake

POSITIVE RAKE



Triangular



Square

I.C.	T	R	Triangular							
			TB122 P2	883	68400	7.48	3.88	3.16	2.92	2.76
3/8	1/8	1/32		350	68410	7.60	4.00	3.28	3.04	2.88
				370	68420	7.60	4.00	3.28	3.04	2.88
			+TBC163 P3	883	68401	8.50	4.90	4.18	3.94	3.78
1/2	3/16	3/64		350	68411	8.86	5.26	4.54	4.30	4.14
				370	68421	8.86	5.26	4.54	4.30	4.14
A	T	R	Square							
			SQC162 P2	883	68430	7.62	4.02	3.30	3.06	2.90
1/2	1/8	1/32		350	68440	7.84	4.24	3.52	3.28	3.12
				370	68450	7.84	4.24	3.52	3.28	3.12
			+SQC243 P4	883	68431	9.56	5.96	5.24	5.00	4.84
3/4	3/16	1/16		350	68441	10.16	6.56	5.84	5.60	5.36
				370	68451	10.16	6.56	5.84	5.60	5.36

Utility Ground (ground top and bottom only)—Negative Rake

Triangular

Square

I.C.	T	R	Triangular							
			TB122 U3	883	68300	5.74	2.14	1.42	1.18	1.02
3/8	1/8	3/64		350	68310	5.92	2.32	1.60	1.36	1.20
				370	68320	5.92	2.32	1.60	1.36	1.20
			+TB163 U4	883	68302	6.70	3.10	2.38	2.14	1.98
1/2	3/16	1/16		350	68312	7.02	3.42	2.70	2.46	2.30
				370	68322	7.02	3.42	2.70	2.46	2.30
A	T	R	Square			6.04	2.44	1.72	1.48	1.32
			SQ162 U2	883	68330	6.22	2.62	1.90	1.66	1.50
1/2	1/8	1/32		350	68340	6.22	2.62	1.90	1.66	1.50
				370	68350					
						7.90	4.30	3.58	3.34	3.18
			+SQ243 U4	883	68332	8.48	4.88	4.16	3.92	3.76
3/4	3/16	1/16		350	68342	8.48	4.88	4.16	3.92	3.76
				370	68352					
+STANDARD PACKAGE 5										

ARMSTRONG ARMIDE CARBIDE CHIP BREAKERS—Cat. Page 42 Std. Package 10

Triangular			Square		
Cat. No.	Ordering No.	Price Each	Fits Holders, Nos.	Cat. No.	Ordering No.	Price Each
For Heavy Cut				For Heavy Cut		
CTB12	68370	2.29	TRIN TLIN	CSQ16	68360	2.40
CTB16	68371	2.87	TR2N, TL2N, TR3N, TL3N	CSQ24	68361	3.63
For Light Cut				For Light Cut		
LCTB12	68372	2.62	TRIN, TLIN	LCSQ16	68362	2.78
LCTB16	68373	3.32	TR2N, TL2N, TR3N, TL3N	LCSQ24	68363	4.17

SUPER HIGH SPEED THROW AWAY INSERTS
Cat. Page 42

POSITIVE RAKE, TRIANGULAR

Catalog Number	Ordering Number	I.C.	Dimensions T.	R.	Price Each
TP375	68461	3/8"	1/8"	1/32"	$3.47
†TP500	68462	1/2"	3/16"	1/32"	4.41

POSITIVE RAKE, SQUARE

Catalog Number	Ordering Number	A.	T.	R.	Price Each
SQP500	68471	1/2"	1/8"	1/32"	$3.97
†SQP750	68472	3/4"	3/16"	1/32"	5.67

Standard package 10, except where noted . . . † Standard package 5

SINGLE HEAD ENGINEERS' WRENCHES

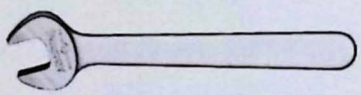
Cat. Page 44

Cat. No.	Ordering No.	Nominal Opening, In.	Std. Pkg.	Price Each
"Hi-Ten" - High Strength Steel				
S-000	35001	3/16	5	$1.31
S-00	35002	1/4	5	1.31
00	35003	5/16	5	1.31
700	35004	3/8	5	1.21
701	35006	7/16	5	1.60
1	35007	1/2	5	1.63
702	35008	9/16	5	1.90
2	35009	19/32	5	1.96
703	35010	5/8	5	2.23
3	35011	11/16	5	2.30
704	35012	3/4	5	2.71
4	35013	25/32	5	2.79
705	35014	13/16	5	3.28
5	35015	7/8	5	3.38
6	35016	15/16	5	4.07
6-C	35017	31/32	5	4.07
706	35018	1	5	3.95
7	35019	1 1/16	5	4.99
707	35020	1 1/8	5	4.85
8	35021	1 1/4	5	6.60
8-A	35022	1 5/16	5	6.60
708-A	35023	1 3/8	5	6.41
9	35024	1 7/16	5	10.05
709	35025	1 1/2	5	9.77
10	35026	1 5/8		13.99
10-A	35027	1 11/16		13.99

Continued in next column

ARMSTRONG—Fine Tools That Encourage Good Work

Continued from previous column

11	35028	1 13/16		18.29
11-A	35029	1 7/8		18.29
12	35030	2		24.85
12-A	35031	2 1/16		24.85
13	35032	2 3/16		31.86
13-A	35033	2 1/4		31.86
14	35034	2 3/8		40.16
14-A	35035	2 7/16		40.16
15	35036	2 9/16		48.86
15-A	35037	2 5/8		48.86
16	35038	2 3/4		55.79
16-B	35040	2 13/16		55.79
16-A	35039	2 15/16		55.79
17-A	35041	3		85.40
17	35042	3 1/8		85.40
18-A	35043	3 3/8		122.86
18	35044	3 1/2		122.86
19-B	35045	3 3/4		174.81
19	35046	3 7/8		174.81
19-C	35047	4 1/8		174.81
19-A	35048	4 1/4		174.81
20-B	35049	4 1/2		258.05
20	35050	4 5/8		258.05
20-A	35051	5		258.05
21-A	35052	5 3/8		547.87
21-B	35053	5 3/4		547.87
21-C	35054	6 1/8		547.87
22-A	35055	6 7/8		1038.59
22-B	35056	7 5/8		1038.59
				
"Armaloy"- Alloy Steel				
1000	50001	5/16	5	1.78
1700	50002	3/8	5	1.87
1701	50004	7/16	5	2.18
1001	50005	1/2	5	2.18
1702	50006	9/16	5	2.75
1703	50008	5/8	5	3.38
1003	50009	11/16	5	3.38
1704	50010	3/4	5	4.06
1705	50012	13/16	5	4.87
1005	50013	7/8	5	4.87
1006	50014	15/16	5	5.91
1706	50016	1	5	5.91
1007	50017	1 1/16	5	7.30
1707	50018	1 1/8	5	7.30
1008	50019	1 1/4	5	9.79
1008-A	50020	1 5/16	5	9.79
1009	50021	1 7/16	5	14.77
1709	50022	1 1/2	5	14.77
1010	50023	1 5/8		20.65
1010-A	50024	1 11/16		20.65
1011	50025	1 13/16		26.88
1011-A	50026	1 7/8		26.88
1012	50027	2		36.52
1012-A	50028	2 1/16		36.52
1013	50029	2 3/16		47.23
1013-A	50030	2 1/4		47.23
1014	50031	2 3/8		59.51
1014-A	50032	2 7/16		59.51

DOUBLE HEAD ENGINEERS' WRENCHES

Cat. Page 44, 45

Cat. No.	Ordering No.	Nominal Openings, In.	Std. Pkg.	Price Each
"Hi-Ten" - High Strength Steel				
721	35101	5/16 & 3/8	5	$1.41
722	35103	5/16 & 7/16	5	1.52
723	35104	3/8 & 7/16	5	1.52
723-A	35105	3/8 & 1/2	5	1.57
24	35107	13/32 & 19/32	5	1.60
725	35108	7/16 & 1/2	5	1.60
725-A	35109	7/16 & 9/16	5	1.79
725-B	35110	1/2 & 9/16	5	1.79
25	35111	1/2 & 19/32	5	1.76
726	35112	1/2 & 5/8	5	2.09
26	35113	1/2 & 11/16	5	2.09
727	35114	9/16 & 5/8	5	2.09
27-C	35117	9/16 & 11/16	5	2.49
27	35115	19/32 & 11/16	5	2.51
27-B	35116	5/8 & 11/16	5	2.51
728	35118	9/16 & 3/4	5	2.51
729	35122	5/8 & 3/4	5	2.51
29-B	35121	11/16 & 3/4	5	2.74
29	35123	11/16 & 23/32	5	3.00
29-C	35124	11/16 & 13/16	5	3.08
730	35125	5/8 & 13/16	5	3.08
30	35126	11/16 & 7/8	5	3.08
731	35127	3/4 & 13/16	5	3.09
731-A	35128	3/4 & 7/8	5	3.09
31	35130	23/32 & 7/8	5	3.17
731-B	35129	13/16 & 7/8	5	3.32
32-B	35132	13/16 & 15/16	5	4.11
33-A	35134	7/8 & 15/16	5	4.11
733	35133	7/8 & 1	5	4.58
33-C	35135	15/16 & 1	5	4.59
34	35136	7/8 & 1 1/16	5	4.69
734	35181	7/8 & 1 1/8	5	4.92
34-A	35137	15/16 & 1 1/16	5	4.92
734-A	35138	15/16 & 1 1/8	5	5.02
35	35139	31/32 & 1 1/16	5	5.12
735	35140	1 & 1 1/8	5	5.12
36-B	35141	1 1/16 & 1 1/8	5	5.59
37	35143	1 1/16 & 1 1/4	5	6.64
737	35142	1 1/8 & 1 1/4	5	6.69
37-A	35144	1 1/8 & 1 5/16	5	6.71
39-B	35147	1 1/4 & 1 5/16	5	9.69
39	35145	1 1/4 & 1 7/16	5	9.69
39-A	35146	1 5/16 & 1 1/2	5	9.69
39-C	35148	1 3/8 & 1 7/16	5	9.69
40	35149	1 1/4 & 1 5/8		11.40
41	35150	1 7/16 & 1 5/8		12.16
41-B	35151	1 1/2 & 1 5/8		12.39
42	35152	1 7/16 & 1 13/16		19.94
42-A	35153	1 1/2 & 1 11/16		19.94
43	35154	1 5/8 & 1 13/16		19.94
44	35155	1 5/8 & 2		27.09
44-A	35156	1 11/16 & 1 7/8		27.09
45	35157	1 13/16 & 2		27.09
45-A	35158	1 7/8 & 2 1/16		27.09

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47	35159	2	& 2 3/16	39.49
47-B	35160	2 1/16	& 2 1/4	39.49
48	35161	2	& 2 3/8	52.58
49	35162	2 3/16	& 2 3/8	52.58
49-A	35163	2 1/4	& 2 7/16	52.58
51	35164	2 3/8	& 2 7/16	85.75
51-A	35165	2 7/16	& 2 5/8	85.75
53	35166	2 7/16	& 2 3/4	104.12
53-A	35167	2 5/8	& 2 13/16	104.12
54-C	35168	2 3/4	& 2 13/16	123.74
55-A	35169	2 13/16	& 3	134.40
55-B	35170	2 13/16	& 3 1/8	134.40
57-B	35172	3	& 3 1/8	203.74
57	35171	3 1/8	& 3 1/2	203.74
58	35174	3 1/2	& 3 7/8	268.80

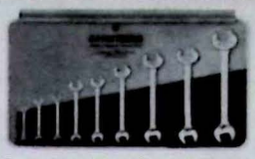
"Armaloy" - Alloy Steel

1019	50049	3/16	& 1/4	1.50
1021-S	50051	1/4	& 5/16	5 1.50
1720	50052	5/16	& 11/32	5 1.69
1721	50053	5/16	& 3/8	5 1.69
1021	50054	5/16	& 13/32	5 1.72
1723	50055	3/8	& 7/16	5 1.80
1723-A	50057	3/8	& 1/2	5 1.88
1023	50056	13/32	& 1/2	5 1.91
1725	50058	7/16	& 1/2	5 1.91
1725-A	50059	7/16	& 9/16	5 2.13
1725-B	50060	1/2	& 9/16	5 2.13
1025	50061	1/2	& 19/32	5 2.13
1727	50062	9/16	& 5/8	5 2.51
1027-C	50063	9/16	& 11/16	5 3.01
1027	50064	19/32	& 11/16	5 3.01
1027-B	50065	5/8	& 11/16	5 3.01
1028	50066	19/32	& 25/32	5 3.01
1729	50068	5/8	& 3/4	5 3.01
1028-S	50067	5/8	& 25/32	5 3.01
1029-B	50069	11/16	& 3/4	5 3.28
1029	50070	11/16	& 25/32	5 3.61
1029-C	50071	11/16	& 13/16	5 3.70
1030	50072	11/16	& 7/8	5 3.70
1731	50073	3/4	& 13/16	5 3.72
1731-A	50074	3/4	& 7/8	5 3.72
1031-B	50075	25/32	& 13/16	5 3.80
1031	50076	25/32	& 7/8	5 3.80
1731-B	50077	13/16	& 7/8	5 3.98
1032-B	50078	13/16	& 15/16	5 4.93
1033-A	50079	7/8	& 15/16	5 4.93
1733	50080	7/8	& 1	5 5.58
1033-C	50081	15/16	& 1	5 5.68
1034	50082	7/8	& 1 1/16	5 5.70
1034-A	50083	15/16	& 1 1/16	5 5.91
1734-A	50097	15/16	& 1 1/8	5 6.01
1035	50084	31/32	& 1 1/16	5 6.13
1735	50085	1	& 1 1/8	5 6.13
1036-B	50086	1 1/16	& 1 1/8	5 6.53
1037	50087	1 1/16	& 1 1/4	5 7.96
1737	50088	1 1/8	& 1 1/4	5 8.02
1037-A	50089	1 1/8	& 1 5/16	5 8.04
1039-B	50090	1 1/4	& 1 5/16	11.64
1039	50091	1 1/4	& 1 7/16	11.64
1039-A	50092	1 5/16	& 1 1/2	11.64
1039-C	50093	1 3/8	& 1 7/16	11.90
1040	50094	1 1/4	& 1 5/8	13.27
1041	50095	1 7/16	& 1 5/8	13.88
1041-B	50096	1 1/2	& 1 5/8	15.00

DOUBLE HEAD ENGINEERS' WRENCH SETS

Cat. Page 45 - Std. Pkg. 1

Cat. No.	Ordering No.	No. Pcs.	Range, Openings	Price Each



"Hi-Ten" - High Strength Steel Wrenches

9-38R	34002	9	3/8" - 1 5/8"	$45.41
9-38C	34001	9	3/8" - 1 5/8"	41.56
6-26R	34004	6	3/8" - 1"	18.55
6-26C	34003	6	3/8" - 1"	16.05

"Armaloy" - Alloy Steel Wrenches

9A-38R	49002	9	3/8" - 1 5/8"	53.19
9A-38C	49001	9	3/8" - 1 5/8"	49.34
6A-26C	49011	6	3/8" - 1"	19.45
6A-26R	49012	6	3/8" - 1"	21.95

SINGLE HEAD THIN WRENCHES

"Hi-Ten" - High Strength Steel
Cat. Page 46 - Std. Pkg. 5
(Above 608-A Not Boxed)

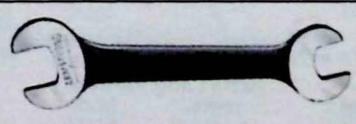
Cat. No.	Ordering No.	Nominal Opening, In.	Price Each

601-A	37001	7/16	$1.63
601	37002	1/2	1.63
602-A	37003	9/16	1.95
603-A	37005	5/8	2.28
603	37006	11/16	2.28
604-A	37007	3/4	2.76
604	37008	25/32	2.76
605-A	37009	13/16	3.34
605	37010	7/8	3.34
606	37021	15/16	3.93
606-B	37012	1	3.93
607	37013	1 1/16	4.68
607-A	37014	1 1/8	4.68
608	37015	1 1/4	5.87
608-A	37016	1 5/16	5.87
609	37017	1 7/16	7.39
609-A	37018	1 1/2	7.39
610	37019	1 5/8	11.31
610-A	37020	1 11/16	11.31

DOUBLE HEAD THIN WRENCHES

"Hi-Ten"-High Strength Steel
Cat. Page 46-Std. Pkg. 5
(Above 637-A Not Boxed)

Cat. No.	Ordering No.	Nominal Openings, In.	Price Each



623-D	37032	7/16 & 1/2	2.02

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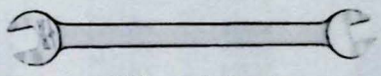
624-A	37033	7/16 & 9/16	2.02
624-B	37034	1/2 & 9/16	2.02
626-S	37036	9/16 & 5/8	2.56
627	37037	19/32 & 11/16	2.56
629-D	37038	5/8 & 3/4	2.87
630-E	37042	3/4 & 7/8	3.18
631-A	37044	13/16 & 7/8	3.18
634-A	37046	7/8 & 1	4.53
634	37047	7/8 & 1 1/16	4.53
632-X	37048	15/16 & 1	4.53
635-D	37050	1 & 1 1/8	6.73
637	37051	1 1/16 & 1 1/4	6.73
637-A	37052	1 1/8 & 1 5/16	6.73
639	37053	1 1/4 & 1 7/16	10.48
640	37054	1 1/4 & 1 5/8	10.48
640-A	37055	1 5/16 & 1 1/2	10.48

TAPPET WRENCHES

"Armaloy" - Alloy Steel
Cat. Page 47 - St. Pkg. 5

Cat. No.	Ordering No.	Nominal Openings, In.	Price Each



15° -angle heads

1090-A	52051	3/8 & 7/16	2.84
1090	52052	7/16 & 1/2	2.84
1090-G	52053	7/16 & 17/32	2.95
1090-D	52054	1/2 & 9/16	2.95
1092	52055	9/16 & 5/8	2.95
1092-F	52056	5/8 & 11/16	2.95
1094-G	52057	3/4 & 13/16	3.54
1094	52058	3/4 & 7/8	3.54
1096	52059	15/16 & 1	3.54

TAPPET WRENCH SETS

Cat. Page 47 - Std. Pkg. 1

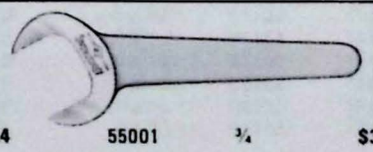
Cat. No.	Ordering No.	No. Pcs.	Range, Openings	Price Each

1042R	49072	8	7/16" - 7/8"	26.43

SINGLE HEAD THIN WRENCHES

"Armaloy" - Alloy Steel
Cat. Page 46 - Std. Pkg. 5

Cat. No.	Ordering No.	Nominal Opening, In.	Price Each



1224	55001	3/4	$3.98

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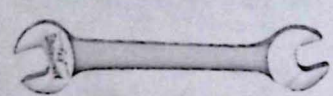
1224-A	55002	1⅛	3.98
1226	55003	13/16	3.98
1228	55004	7/8	3.98
1230	55005	15/16	3.98
1232	55006	1	3.98
1232-A	55007	1 1/32	3.98
1234	55008	1 1/16	3.98
1236	55009	1⅛	3.98
1236-S	55010	1 5/16	3.98
1236-X	55011	1 5/16	3.98
1238	55012	1 3/16	3.98
1240	55013	1¼	3.98
1241	55014	1 9/32	3.98
1242	55015	1 5/16	4.87
1244	55016	1⅜	4.87
1246	55017	1 7/16	4.87
1248	55018	1½	4.87
1250	55019	1 9/16	4.87
1252	55020	1⅝	4.87
1254	55022	1 11/16	5.39
1256	55021	1¾	5.87
1258	55051	1 13/16	5.87
1260	55052	1⅞	5.87
1262	55053	1 15/16	5.87
1264	55054	2	5.87
1266	55056	2 1/16	5.87
1268	55057	2⅛	5.87
1272	55058	2¼	5.87
1276	55059	2⅜	5.87
1272-S	55060	2½	5.87

MINIATURE WRENCHES

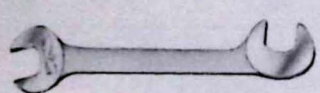
"Armaloy" - Alloy Steel
Cat. Page 47 - Std. Pkg. 5

Cat. No.	Ordering No.	Nominal Openings, In.	Price Each



15° Angle Open End

H-9	50209	13/64 & 15/64	$1.60
H-10	50210	3/16 & 7/32	1.60
H-12	50212	¼ & 9/32	1.60
H-14	50214	5/16 & 11/32	1.60
H-15	50215	9/32 & 3/8	1.60
H-16	50216	3/8 & 7/16	1.98
H-18	50218	13/32 & 15/32	1.98



15° & 75° Angle Open End

1112	50112	3/16 & 3/16	1.62
1113	50113	13/64 & 13/64	1.62
1114	50114	7/32 & 7/32	1.62
1115	50115	15/64 & 15/64	1.62
1116	50116	¼ & ¼	1.62
1118	50118	9/32 & 9/32	1.62
1120	50120	5/16 & 5/16	1.62
1122	50122	11/32 & 11/32	1.62
1124	50124	3/8 & 3/8	1.62
1128	50128	7/16 & 7/16	1.73
1132	50132	½ & ½	1.73
1136	50136	9/16 & 9/16	1.73
1140	50140	5/8 & 5/8	2.23

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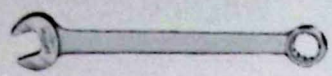


Combination Box & Open End

**1157	53041	7/32 & 7/32	1.91
**1158	53042	¼ & ¼	1.91
**1158-A	53043	9/32 & 9/32	1.91
**1159	53044	5/16 & 5/16	2.18
1159-A	53045	11/32 & 11/32	2.24
1160	53046	3/8 & 3/8	2.35

** 6 Pt. Openings In Box End

MINIATURE WRENCH SETS

Cat. Page 47 - Std. Pkg. 1

Cat. No.	Ordering No.	No. Pcs.	Range, Openings	Price Each

15° Angle Open End Wrenches

H-5R	49032	5	3/16" - 15/32"	$9.53
H-5C	49031	5	3/16" - 15/32"	8.76

15° & 75° Angle Open End Wrenches

1140P	49021	11	3/16" - 15/16"	21.67
1142P	49020	14	3/16" - 5/8"	27.71

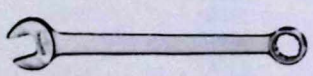
Combination Box & Open End Wrenches

1186R	49024	6	7/32" - 3/8"	13.41
1186C	49023	6	7/32" - 3/8"	12.52

COMBINATION WRENCHES

"Armaloy" - Alloy Steel
Cat. Page 48 - Std. Pkg. 5
(Above 1174L Not Boxed)

Cat. No.	Ordering No.	Nominal Openings, In.	Price Each



Standard Pattern

**1157	53041	7/32	$1.91
**1158	53042	¼	1.91
**1158-A	53043	9/32	1.91
**1159	53044	5/16	2.18
1159-A	53045	11/32	2.24
1160	53046	3/8	2.35

** 6 Pt. Openings In Box End

1161	53001	7/16	2.73
1162	53002	½	2.95
1163	53003	9/16	3.06
1163-A	53004	19/32	3.37
1164	53005	5/8	3.37
1165	53006	11/16	3.72
1166	53007	¾	3.94
1166-A	53008	25/32	4.28
1167-A	53009	13/16	5.02
1167	53010	⅞	5.57

Extra Long Pattern

1160-L	53051	3/8	2.62
1161-L	53052	7/16	2.95

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1162-L	53053	½	3.06
1163-L	53054	9/16	3.37
1164-L	53055	5/8	3.72
1165-L	53056	11/16	3.94
1166-L	53057	¾	4.47
1167-AL	53058	13/16	5.02
1167-L	53059	⅞	5.57
1168-L	53011	15/16	6.01
1170-L	53012	1	6.78
1171-L	53013	1 1/16	8.16
1172-L	53014	1⅛	9.39
1173-L	53015	1¼	11.09
1174-L	53016	1 5/16	12.39
1175-L	53017	1⅜	13.31
1176-L	53018	1 7/16	15.25
1178-L	53019	1½	17.20
1180-L	53020	1⅝	18.99
1182-L	53021	1 11/16	21.98
1184-L	53022	1¾	28.60
1186-L	53023	1 13/16	28.60
1188-L	53024	1⅞	30.45
1190-L	53025	2	32.19

COMBINATION WRENCH SETS

Cat. Page 48, 49 - Std. Pkg. 1

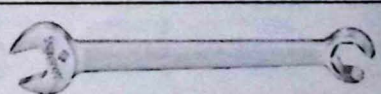
Cat. No.	Ordering No.	No. Pcs.	Range, Openings	Price Each

1104R	49092	4	7/16" - 3/8"	13.13
1106R	49094	6	3/8" - ¾"	20.89
1106C	49093	6	3/8" - ¾"	18.39
1106LR	49073	6	3/8" - ¾"	22.67
1106LC	49074	6	3/8" - ¾"	20.17
1108R	49096	8	3/8" - ⅞"	30.89
1108C	49095	8	3/8" - ⅞"	27.68
1110LR	49075	10	3/8" - 1"	48.68
1110LC	49076	10	3/8" - 1"	42.48
1112R	49082	12	3/8" - 1"	52.31
1112C	49081	12	3/8" - 1"	48.10
1116R	49113	16	5/16" - 1¼"	84.90
1116C	49114	16	5/16" - 1¼"	76.32
1118R	49083	18	5/16" - 1¼"	97.63
1118C	49084	18	5/16" - 1¼"	86.19
G6LR	49077	6	3/8" - ¾"	20.52
G6LC	49078	6	3/8" - ¾"	18.02
G10LR	49079	10	3/8" - 1"	42.42
G10LC	49080	10	3/8" - 1"	38.21

FLARE NUT WRENCHES

"Armaloy" - Alloy Steel
Cat. Page 52 - Std. Pkg. 5

Cat. No.	Ordering No.	Nominal Openings, In.	Price Each



Combination Open End & Flare Nut

1312	55120	3/8 & 3/8	$3.50
1314	55121	7/16 & 7/16	3.61
1316	55122	½ & ½	3.94
1318	55123	9/16 & 9/16	4.36
1320	55124	5/8 & 5/8	4.69
1322	55125	11/16 & 11/16	5.13

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1324	55126	3/4 & 3/4	5.35
1328	55127	7/8 & 7/8	6.37
1332	55128	1 & 1	6.91
1334	55129	1 1/16 & 1 1/16	7.52
1336	55130	1 1/8 & 1 1/8	7.52

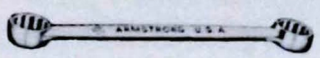
Standard Flare Nut Pattern

4112	55101	3/8	2.90
4114	55102	7/16	2.95
4116	55103	1/2	3.01
4118	55104	9/16	3.17
4120	55105	5/8	3.17
4122	55106	11/16	3.50
4124	55107	3/4	3.51
4126	55108	13/16	3.74
4128	55109	7/8	3.94
4130	55110	15/16	4.22
4132	55111	1	4.22
4134	55112	1 1/16	4.53
4136	55113	1 1/8	4.86
4138	55114	1 3/16	5.76

BOX SOCKET WRENCHES

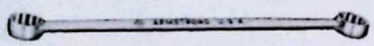
"Armaloy" - Alloy Steel--15° Offset
Cat. Page 50 - Std. Pkg. 5
(Above 7033-C Not Boxed)

Cat. No.	Ordering No.	Nominal Openings, In.	Price Each



Short Pattern

6723	54161	3/8 & 7/16	$2.51
6725	54162	7/16 & 1/2	2.51
6725-A	54163	7/16 & 9/16	2.51
6725-B	54164	1/2 & 9/16	2.51
6025	54165	1/2 & 19/32	2.73
6727	54166	9/16 & 5/8	2.95



Long Pattern

7723	54201	3/8 & 7/16	2.73
7725	54202	7/16 & 1/2	2.73
7725-A	54203	7/16 & 9/16	2.73
7725-B	54204	1/2 & 9/16	2.73
7025	54205	1/2 & 19/32	3.00
7727	54206	9/16 & 5/8	3.06
7027	54207	19/32 & 11/16	4.07
7727-A	54208	5/8 & 11/16	3.72
7729	54209	5/8 & 3/4	3.50
7029-B	54210	11/16 & 3/4	4.09
7029	54211	11/16 & 25/32	4.09
7729-A	54212	3/4 & 25/32	4.09
7030	54232	11/16 & 7/8	4.09
7731-A	54213	3/4 & 7/8	4.22
7031-B	54214	25/32 & 13/16	4.49
7731-B	54216	13/16 & 7/8	4.22
7033-A	54217	7/8 & 15/16	7.78
7733	54218	7/8 & 1	8.47
7033-C	54219	15/16 & 1	7.81
7034	54231	7/8 & 1 1/16	7.59
7034-A	54220	15/16 & 1 1/16	8.69
7735	54221	1 & 1 1/8	8.69
7735-A	54222	1 1/16 & 1 1/8	8.69
7037	54223	1 1/16 & 1 1/4	9.02
7037-A	54224	1 1/8 & 1 5/16	10.97
7039-B	54225	1 1/4 & 1 5/16	10.29
7039	54226	1 1/4 & 1 7/16	11.09

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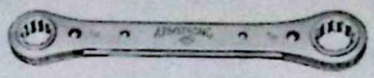
7039-A	54227	1 5/16 & 1 1/2	11.09
7040-B	54228	1 7/16 & 1 1/2	13.31
7041	54229	1 7/16 & 1 5/8	16.32
7742-B	54230	1 1/2 & 1 11/16	17.22

RATCHETING BOX WRENCHES

Cat. Page 50 - Std. Pkg. 5

Cat. No.	Ordering No.	Nominal Openings, In.	Price Each



RB-810	54281	1/4 & 5/16	$4.18
RB-1214	54282	3/8 & 7/16	5.11
RB-1618	54283	1/2 & 9/16	6.31
RB-2022	54284	5/8 & 11/16	6.88
RB-2024	54285	5/8 & 3/4	6.88
RB-2428	54286	3/4 & 7/8	7.59

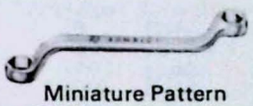
Ratcheting
Box Wrench Sets

RB-3R	49141	3 pcs. 1/4 - 9/16	16.59
RB-6R	49142	6 pcs. 1/4 - 7/8	39.45

BOX SOCKET WRENCHES

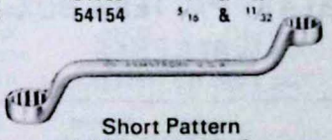
"Armaloy" - Alloy Steel--45° Offset
Cat. Page 51 - Std. Pkg. 5
(Above 8033-C Not Boxed)

Cat. No.	Ordering No.	Nominal Openings, In.	Price Each



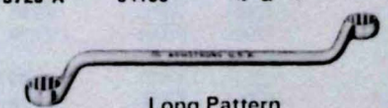
Miniature Pattern

1150	54151	3/16 & 13/64	$1.91
1151	54152	7/32 & 15/64	1.91
1152	54153	1/4 & 9/32	1.91
1153	54154	5/16 & 11/32	2.18



Short Pattern

9723	54181	3/8 & 7/16	2.40
9725	54182	7/16 & 1/2	2.62
9725-A	54183	7/16 & 9/16	2.62
9725-B	54184	1/2 & 9/16	2.62
9025	54185	1/2 & 19/32	2.62
9727	54186	9/16 & 5/8	2.87
9728-A	54187	5/8 & 11/16	2.95
9729-A	54188	11/16 & 3/4	3.22



Long Pattern

8721	54240	5/16 & 3/8	2.55
8723	54242	3/8 & 7/16	3.06
8023	54243	13/32 & 1/2	3.21
8725	54244	7/16 & 1/2	3.21
8725-A	54245	7/16 & 9/16	3.50
8725-B	54246	1/2 & 9/16	3.51
8025	54247	1/2 & 19/32	3.54
8727	54248	9/16 & 5/8	3.72
8027	54249	19/32 & 11/16	3.72
8727-A	54250	5/8 & 11/16	3.72

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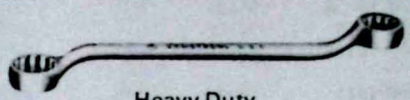
8729	54251	5/8 & 3/4	3.96
8029-B	54252	11/16 & 3/4	4.05
8029	54253	11/16 & 25/32	4.05
8729-A	54254	3/4 & 25/32	4.20
8030	54278	11/16 & 7/8	4.31
8731	54255	3/4 & 13/16	4.48
8731-A	54256	3/4 & 7/8	4.47
8031-B	54257	25/32 & 13/16	4.14
8031	54258	25/32 & 7/8	4.49
8731-B	54259	13/16 & 7/8	4.48
8033-A	54260	7/8 & 15/16	5.73
8733	54261	7/8 & 1	5.73
8033-C	54262	15/16 & 1	5.74
8034	54263	7/8 & 1 1/16	8.98
8034-A	54264	15/16 & 1 1/16	8.98
8735	54265	1 & 1 1/8	9.56
8735-A	54266	1 1/16 & 1 1/8	9.56
8037	54267	1 1/16 & 1 1/4	11.30
8037-A	54268	1 1/8 & 1 5/16	11.30
8039-B	54269	1 1/4 & 1 5/16	15.71
8039	54270	1 1/4 & 1 7/16	15.71
8039-A	54271	1 5/16 & 1 1/2	15.71



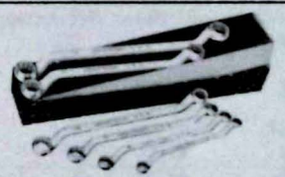
Heavy Duty

8040-B	54272	1 7/16 & 1 1/2	15.76
8041	54273	1 7/16 & 1 5/8	15.76
8742-B	54274	1 1/2 & 1 11/16	16.85
8045	54275	1 13/16 & 2	26.94
8049	54276	2 1/16 & 2 1/8	34.67
8053	54277	2 1/16 & 2 1/4	56.65

BOX SOCKET WRENCH SETS

Cat. Page 52 - Std. Pkg. 1

Cat. No.	Ordering No.	No. Pcs.	Range, Openings	Price Each

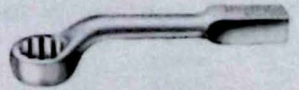


1154-R	49097	4	3/16" - 11/32"	$8.81
7006-R	49112	6	3/8" - 1"	27.85
7006-C	49111	6	3/8" - 1"	25.14
8006-R	49132	6	3/8" - 1"	27.29
8006-C	49131	6	3/8" - 1"	24.57

STRIKING FACE WRENCHES

Cat. Page 53 - Not Boxed

Cat. No.	Ordering No.	Nominal Opening, In.	Price Each



Offset Pattern--"Armaloy" - Alloy Steel

8807	54091	1 1/16	$15.42
8807-A	54092	1 1/8	15.42
8808	54093	1 1/4	16.19
8808-A	54094	1 5/16	16.19
8809	54095	1 7/16	19.76
8809-A	54096	1 1/2	19.76
8810	54097	1 5/8	22.31

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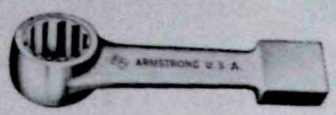
8810-A	54098	1 11/16	22.31
8811	54099	1 13/16	24.02
8811-A	54100	1 7/8	24.02
8812	54101	2	25.21
8813	54102	2 1/16	31.04
8813-A	54103	2 1/4	31.04
8814	54104	2 3/8	34.32
8815	54105	2 7/16	36.37
8815-A	54106	2 5/8	36.37
8816	54107	2 3/4	49.57
8816-B	54108	2 15/16	54.49
8817-A	54109	3	66.18
8817	54110	3 1/8	66.18



Heavy Pattern--"Armaloy" - Alloy Steel

SFH-1808	54131	1 1/4	13.51
SFH-1808A	54132	1 5/16	13.51
SFH-1809	54133	1 7/16	14.26
SFH-1809A	54134	1 1/2	14.65
SFH-1810	54135	1 5/8	25.18
SFH-1810A	54136	1 11/16	26.94
SFH-1811	54137	1 13/16	28.44
SFH-1811A	54138	1 7/8	29.93
SFH-1812	54139	2	32.85
SFH-1813	54140	2 1/16	35.43
SFH-1813A	54141	2 1/4	37.16
SFH-1814	54142	2 3/8	46.17
SFH-1815	54143	2 7/16	46.17
SFH-1815A	54144	2 5/8	49.37
SFH-1816	54145	2 3/4	51.49
SFH-1817A	54146	3	58.37
SFH-1817	54147	3 1/8	64.09

Regular Pattern - "Hi-Ten" High Strength Steel

SF-818A	42101	3 1/8	103.72
SF-818	42102	3 1/2	103.72
SF-819B	42103	3 3/4	126.41
SF-819	42104	3 7/8	126.41
SF-819AC	42105	4 1/8	152.39
SF-819A	42106	4 1/4	152.39
SF-820B	42107	4 1/2	194.52
SF-820	42108	4 5/8	194.52

BOX WRENCHES

Cat. Page 54 - St. Pkg. 5
(Above 1 5/16 Not Boxed)

Cat. No.	Ordering No.	Nominal Opening, In.	Price Each

"Hi-Ten" - High Strength Steel

801-A	42001	7/16	$1.86
801	42002	1/2	1.86
802-A	42003	9/16	2.28
803-A	42005	5/8	2.64
803	42006	11/16	2.64
804-A	42007	3/4	3.17
805-A	42008	25/32	3.80
805	42009	13/16	3.80
806	42028	15/16	4.49
806-B	42012	1	4.49

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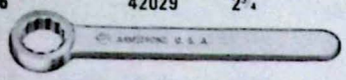
807	42013	1 1/16	5.58
807-A	42014	1 1/8	5.58
808	42015	1 1/4	6.56
808-A	42016	1 5/16	7.02
809	42017	1 7/16	9.34
809-A	42018	1 1/2	9.34
810	42019	1 5/8	12.54
810-A	42020	1 11/16	12.54
811	42021	1 13/16	16.60
811-A	42022	1 7/8	16.60
812	42023	2	21.47
813	42025	2 1/16	26.94
813-A	42026	2 1/4	26.94
814	42027	2 3/8	32.15
816	42029	2 3/4	53.54



"Armaloy" - Alloy Steel

1801-A	54001	7/16	2.23
1801	54002	1/2	2.75
1802-A	54003	9/16	3.22
1803-A	54005	5/8	3.77
1803	54006	11/16	3.77
1804-A	54007	3/4	4.26
1804	54008	25/32	4.26
1805-A	54009	13/16	5.23
1805	54010	7/8	5.23
1806	54028	15/16	6.38
1806-B	54012	1	6.38
1807	54013	1 1/16	7.68
1807-A	54014	1 1/8	7.68
1808	54015	1 1/4	9.81
1808-A	54016	1 5/16	9.81
1809	54017	1 7/16	13.23
1809-A	54018	1 1/2	13.23
1810	54019	1 5/8	17.61
1810-A	54020	1 11/16	17.61
1811	54021	1 13/16	23.23
1811-A	54022	1 7/8	23.23
1812	54023	2	30.25
1813-A	54026	2 1/4	32.87
1814	54027	2 3/8	38.19

HEAVY PATTERN BOX WRENCHES

Cat. Page 55 - Not Boxed

Cat. No.	Ordering No.	Nominal Opening, In.	Price Each

"Hi-Ten" - High Strength Steel

H808	42051	1 1/4	$9.96
H809-A	42054	1 1/2	13.21
H810	42055	1 5/8	17.44
H811	42057	1 13/16	23.08
H811-A	42058	1 7/8	23.08
H812	42059	2	29.80
H813	42060	2 1/16	37.65
H813-A	42061	2 1/4	37.65
H814	42062	2 3/8	47.12
H815	42063	2 7/16	58.31
H815-A	42064	2 5/8	58.31
H816	42065	2 3/4	78.54
H817-A	42066	3	107.62
H817	42067	3 1/8	107.62

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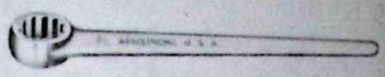


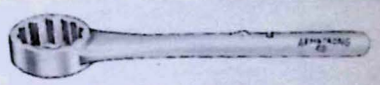
"Armaloy" - Alloy Steel

H1808	54051	1 1/4	11.78
H1808-A	54052	1 5/16	11.78
H1809	54053	1 7/16	15.83
H1809-A	54054	1 1/2	15.83
H1810	54055	1 5/8	21.24
H1810-A	54056	1 11/16	21.24
H1811	54057	1 13/16	28.02
H1811-A	54058	1 7/8	28.02
H1812	54059	2	36.39
H1813	54060	2 1/16	46.13
H1813-A	54061	2 1/4	46.13
H1814	54062	2 3/8	57.44
H1815	54063	2 7/16	90.85
H1815-A	54064	2 5/8	90.85
H1816	54065	2 3/4	130.22
H1817-A	54066	3	178.13
H1817	54067	3 1/8	178.13

STUB END BOX WRENCHES

"Armaloy" - Alloy Steel
Cat. Page 56 - Not Boxed

Cat. No.	Ordering No.	Nominal Opening, In.	Price Each



Straight Pattern

S-36	54292	1 1/8	$11.52
S-40	54293	1 1/4	12.71
S-42	54294	1 5/16	12.73
S-44	54295	1 3/8	13.30
S-46	54296	1 7/16	13.40
S-48	54297	1 1/2	13.76
S-52	54298	1 5/8	18.63
S-54	54299	1 11/16	19.04
S-56	54300	1 3/4	19.25
S-58	54301	1 13/16	19.61
S-60	54302	1 7/8	20.34
S-64	54303	2	20.94
S-70	54304	2 1/16	24.16
S-72	54305	2 1/4	24.37
S-76	54306	2 3/8	32.32
S-78	54307	2 7/16	33.66
S-82	54308	2 9/16	35.87
S-84	54309	2 5/8	37.83
S-88	54310	2 3/4	39.62
S-94	54312	2 15/16	49.97
S-96	54313	3	53.79
S-98	54314	3 1/8	56.66
S-108	54315	3 3/8	77.45
S-112	54316	3 1/2	91.87

45° Offset Pattern

O-36	54322	1 1/8	13.28
O-40	54323	1 1/4	15.14
O-42	54324	1 5/16	15.26
O-44	54325	1 3/8	15.65
O-46	54326	1 7/16	16.40
O-48	54327	1 1/2	16.66

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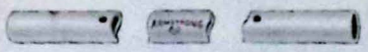
0-52	54328	1 5/8	19.00
0-54	54329	1 11/16	19.92
0-56	54330	1 3/4	21.42
0-58	54331	1 13/16	21.98
0-60	54332	1 7/8	22.92
0-64	54333	2	23.85
0-70	54334	2 3/16	27.11
0-72	54335	2 1/4	27.25
0-76	54336	2 5/8	35.12
0-78	54337	2 7/16	38.36
0-82	54338	2 9/16	42.35
0-84	54339	2 5/8	44.54
0-88	54340	2 3/4	46.85
0-96	54343	3	53.11
0-98	54344	3 1/8	60.73
0-112	54346	3 1/2	104.49



Tubular Handles For Stub End Wrenches

Cat. No.	Ordering No.	Length, In.	I. D. In.	O. D. In.	Price Each
M-280	54352	24	7/8	1 1/8	$6.80
M-320	54353	30	1	1 1/4	9.48
M-360	54354	36	1 1/8	1 7/16	19.97
M-420	54355	42	1 5/8	2	33.06

CAR PATTERN WRENCHES

"Hi-Ten" - High Strength Steel
Cat. Page 57 - Not Boxed

Cat. No.	Ordering No.	Nominal Openings, In.	Price Each
367-A	39001	5/8 & 13/16	$6.41
367	39002	11/16 & 7/8	6.41
370-A	39004	13/16 & 1	10.66
370	39005	7/8 & 1 1/16	10.66
370-B	39006	1 & 1 1/8	10.66
372-A	39007	1 1/16 & 1 1/4	13.09
373	39008	1 1/8 & 1 5/16	13.09
376-A	39009	1 1/4 & 1 7/16	15.71
376	39010	1 5/16 & 1 1/2	15.71
378-A	39011	1 7/16 & 1 5/8	19.17
382	39014	1 11/16 & 1 7/8	22.54

ALLIGATOR WRENCHES

"Hi-Ten" - High Strength Steel
Cat. Page 57 - Not Boxed

Cat. No.	Ordering No.	Capacity Pipe, In.	Capacity Rounds, In.	Price Each
1	46001	1/8 to 1/2	5/16 to 3/4	$2.16
2	46002	1/4 to 3/4	7/16 to 1	5.04
2 1/2	46003	3/8 to 1	5/8 to 1 1/4	7.57
3	46004	1/2 to 1 1/4	3/4 to 1 1/2	11.10
3 1/2	46005	3/4 to 1 1/2	1 to 1 3/4	15.09
4	46006	1 to 2	1 1/4 to 2 1/2	23.05
4 1/2	46007	1 1/4 to 2 1/2	1 1/2 to 3	33.72

STRUCTURAL WRENCHES

Cat. Page 58 - Not Boxed

Cat. No.	Ordering No.	Nominal Opening, In.	Price Each
		"Hi-Ten" - High Strength Steel	
901-A	43151	7/16	$3.37
901	43152	1/2	3.37
901-B	43153	9/16	3.37
903-A	43155	5/8	4.40
903	43156	11/16	4.40
904-A	43157	3/4	4.40
904	43158	25/32	4.40
905-A	43159	13/16	5.85
905	43160	7/8	5.85
906	43174	15/16	5.85
906-B	43162	1	5.85
907	43163	1 1/16	7.82
907-A	43164	1 1/8	7.82
908	43165	1 1/4	9.88
908-A	43166	1 5/16	9.88
909	43167	1 7/16	12.56
909-A	43168	1 1/2	12.56
910	43169	1 5/8	17.13
910-A	43170	1 11/16	17.13
911	43171	1 13/16	25.77
911-A	43172	1 7/8	25.77
912	43173	2	25.77
		"Armaloy"-Alloy Steel	
1905AR	51166	13/16	8.88
1905H	51167	7/8	8.88
1906BR	51168	1	9.36
1907H	51169	1 1/16	9.36
1907AR	51170	1 1/8	9.44
1908H	51171	1 1/4	9.44
1908AR	51172	1 5/16	10.48
1909H	51173	1 7/16	10.48
1909AR	51174	1 1/2	12.56
1910H	51175	1 5/8	12.56
		Structural Box Pattern "Armaloy" - Alloy Steel	
8905-A	51201	13/16	9.36
8905	51202	7/8	9.36
8906	51203	15/16	9.68
8906-B	51204	1	9.68
8907	51205	1 1/16	10.58
8907-A	51206	1 1/8	10.58
8908	51207	1 1/4	11.68
8908-A	51208	1 5/16	11.68
8909	51209	1 7/16	15.58
8909-A	51210	1 1/2	15.58
8910	51211	1 5/8	18.41
8910-A	51212	1 11/16	18.41
8911	51213	1 13/16	19.36
8911-A	51214	1 7/8	19.36
8912	51215	2	20.66
8913	51216	2 1/16	27.32
8914	51217	2 1/8	31.04
8915	51218	2 3/16	35.05
8916	51219	2 1/4	35.05

CONSTRUCTION WRENCHES

Cat. Page 57 - Not Boxed

Cat. No.	Ordering No.	Nominal Opening, In.	Price Each
		"Hi-Ten" - High Strength Steel	
201-A	43001	7/16	$3.28
201	43002	1/2	3.28
201-B	43003	9/16	3.28
203-A	43005	5/8	4.21
203	43006	11/16	4.21
204-A	43007	3/4	4.21
204	43008	25/32	4.21
205-A	43009	13/16	5.30
205	43010	7/8	5.30
206	43024	15/16	5.30
206-B	43012	1	5.30
207	43013	1 1/16	6.89
207-A	43014	1 1/8	6.89
208	43015	1 1/4	9.02
208-A	43016	1 5/16	9.02
209	43017	1 7/16	11.88
209-A	43018	1 1/2	11.88
210	43019	1 5/8	15.83
210-A	43020	1 11/16	15.83
211	43021	1 13/16	23.38
211-A	43022	1 7/8	23.38
212	43023	2	23.38
		"Armaloy" - Alloy Steel	
1205	51002	7/8	6.95
1206-B	51004	1	6.95
1207	51005	1 1/16	9.77
1207-A	51006	1 1/8	9.77
1208	51007	1 1/4	13.18
1208-A	51008	1 5/16	13.18
1209	51009	1 7/16	17.89
1209-A	51010	1 1/2	17.89
1210	51011	1 5/8	25.54
1211	51013	1 13/16	37.54
1212	51015	2	37.54

SPANNER WRENCHES

"Hi-Ten" - High Strength Steel
Cat. Pages 59, 60 - Std. Pkg. 5

Cat. No.	Ordering No.	Distance C to C, In.	Price Each
		Face Spanners	
418	44018	1	$2.34
420	44020	1 1/4	2.62
422	44022	1 1/2	2.93
424	44024	1 3/4	3.38
426	44026	2	3.77
428	44028	2 1/4	4.30
430	44030	2 1/2	5.08
432	44032	2 3/4	5.86
434	44034	3	6.66
436	44036	3 1/4	7.65
438	44038	3 1/2	8.71
440	44040	3 3/4	9.90
442	44042	4	11.44

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Adjustable Face Spanners

Cat. No.	Ordering No.	Extreme Cap., In.	Price Each
482	44082	2	$5.69
483	44083	3	8.33
484	44084	4	12.09

Pin Spanners

Cat. No.	Ordering No.	For Circle, Dia., In.	Price Each
452	44152	1	$2.17
453	44153	1 1/4	2.32
454	44154	1 1/2	2.34
455	44155	1 3/4	2.48
456	44156	2	2.62
457	44157	2 1/4	2.76
458	44158	2 1/2	2.82
459	44159	2 3/4	3.09
460	44160	3	3.38
461	44161	3 1/4	3.60
462	44162	3 1/2	3.77
463	44163	3 3/4	4.07
464	44164	4	4.28
466	44166	5	5.69
468	44168	6	7.70

Adjustable Hook Spanners

471	44171	3/4 to 2	6.61
472	44172	1 1/4 to 3	7.51
474	44174	2 to 4 3/4	10.41
474-A	44175	4 1/2 to 6 1/4	11.08
474-B	44176	6 1/8 to 8 3/4	13.11

Adjustable Pin Spanners

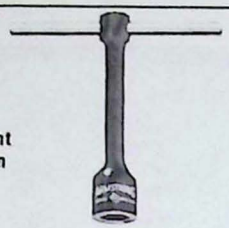
O-471	44181	3/4 to 2	$6.90
O-471-A	44182	3/4 to 2	6.90
O-472	44183	1 1/4 to 3	7.91
O-472-A	44184	1 1/4 to 3	7.91
O-474	44185	2 to 4 3/4	10.84
O-474-A	44186	4 1/2 to 6 1/4	11.63

Adjustable Hook Set No. 401-C
Contains 1 Ea. 471,4
Ordering No. 34101
Price Each $35.61

SOCKET WRENCHES

"Hi-Ten" - High Strength Steel
Cat. Pages 61, 62 - Not Boxed

Cat. No.	Ordering No.	Nominal Opening, In.	Price Each



Straight Pattern

Hexagon Opening

961-A	45001	5/16	$3.19
962-D	45002	3/8	3.49
963-D	45004	7/16	3.96
964-A	45005	1/2	4.22
965-D	45006	9/16	4.68
966-D	45008	5/8	5.05
967-A	45009	11/16	5.73
967-D	45010	3/4	5.73
968-D	45012	13/16	6.15
969-A	45013	7/8	7.03
970-S	45014	15/16	7.85
970-D	45015	1	7.85
971-A	45016	1 1/16	8.88
971-D	45017	1 1/8	8.88
973-A	45018	1 1/4	12.06
973-B	45019	1 5/16	12.06
975-A	45020	1 7/16	14.85
975-D	45021	1 1/2	14.85
976-A	45022	1 5/8	17.03
977-A	45024	1 13/16	19.23
977-B	45025	1 7/8	19.23
978-A	45026	2	22.88
980-A	45029	2 3/8	40.02

Square Opening

961-H	45051	3/16	3.19
961-J	45052	1/4	3.19
962-H	45053	5/16	3.54
963-H	45054	3/8	3.96
965-H	45055	7/16	4.68
966-H	45056	1/2	5.05
967-H	45057	9/16	5.73
968-H	45058	5/8	6.15
968-P	45059	11/16	6.15
969-H	45060	3/4	7.03
971-H	45062	7/8	8.88
973-H	45063	1	12.06
974-H	45064	1 1/8	13.68

Offset Pattern

Hexagon Opening

261-A	45101	5/16	2.39
262-D	45102	3/8	2.67
263-D	45104	7/16	2.87
264-A	45105	1/2	3.16
265-D	45106	9/16	3.49

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266-D	45108	5/8	3.85
267-A	45109	11/16	4.36
267-D	45110	3/4	4.36
268-D	45112	13/16	4.85
269-A	45113	7/8	5.53
270-S	45114	15/16	6.33
270-D	45115	1	6.33
271-A	45116	1 1/16	7.21
271-D	45117	1 1/8	7.21
273-A	45118	1 1/4	9.65
273-B	45119	1 5/16	9.65
275-A	45120	1 7/16	12.06
275-D	45121	1 1/2	12.06
276-A	45122	1 5/8	13.81
277-A	45124	1 13/16	15.68
277-B	45125	1 7/8	15.68
278-A	45126	2	19.23
279-A	45127	2 3/16	25.29
280-A	45129	2 3/8	33.70

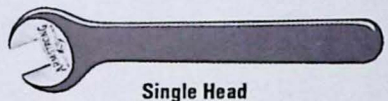
Square Opening

261-J	45151	1/4	2.39
262-H	45152	5/16	2.67
263-H	45153	3/8	2.87
265-H	45154	7/16	3.49
266-H	45155	1/2	3.85
267-H	45156	9/16	4.36
268-H	45157	5/8	4.85
268-P	45158	11/16	4.85
269-H	45159	3/4	5.52
271-H	45160	7/8	7.21
273-H	45161	1	9.65
274-H	45162	1 1/8	10.84

SET SCREW WRENCHES

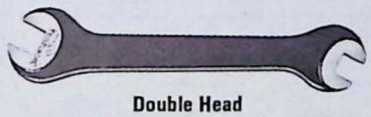
"Hi-Ten" - High Strength Steel
Cat. Page 63 - Std. Pkg. 5
(510,511,541,543 Not Boxed)

Cat. No.	Ordering No.	Nominal Opening, In.	Price Each



Single Head

500	40001	3/16	$1.20
501	40002	1/4	1.44
502	40003	5/16	1.74
503	40004	3/8	2.16
504	40005	7/16	2.66
505	40006	1/2	3.27
506	40007	9/16	3.96
507	40008	5/8	4.66
508	40009	3/4	5.76
509	40010	7/8	7.13
510	40011	1	9.38



Double Head

523	40021	3/16 & 1/4	1.67
524	40022	3/16 & 5/16	2.04
525	40023	1/4 & 5/16	2.04
526	40024	1/4 & 3/8	2.50
527	40025	5/16 & 3/8	2.50
529	40026	3/8 & 7/16	2.98
530	40027	3/8 & 1/2	3.86
531	40028	7/16 & 1/2	3.86
533	40029	1/2 & 9/16	4.60
534	40030	1/2 & 5/8	5.51

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535	40031	9/16 & 5/8	5.51
537	40032	5/8 & 3/4	6.77
539	40033	3/4 & 7/8	8.51

DOUBLE SQUARE BOX WRENCHES

"Hi-Ten" - High Strength Steel
Cat. Page 63 - Std. Pkg. 5

Cat. No.	Ordering No.	Nominal Opening, In.	Price Each
581	42181	1/4	$1.44
582	42182	5/16	1.67
583	42183	3/8	2.04
584	42184	7/16	2.39
585	42185	1/2	2.96
586	42186	9/16	3.50
587	42187	5/8	4.27
588	42188	3/4	5.24
589	42189	7/8	6.86
590	42190	1	8.91
591	42191	1 1/8	10.33

DOUBLE HEAD TOOL POST WRENCHES

"Hi-Ten" - High Strength Steel
Cat. Page 63 - Std. Pkg. 5

For Set Screws

Cat. No.	Ordering No.	For Set Screw Size, In. Open End	Box End	Price Each
554	41001	7/16	7/16	$4.81
555	41002	1/2	1/2	5.24
555-C	41004	9/16	9/16	5.24
556	41005	5/8	5/8	6.13
557	41008	3/4	3/4	7.01

For Nuts & Set Screws

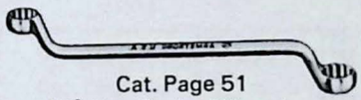
Cat. No.	Ordering No.	Nom. Opg. In.	Box End for Set Sc	Price Each
563-E	41053	13/16	7/16	5.72
563-B	41058	7/8	1/2	5.72
563-D	41060	7/8	5/8	5.72
564	41062	1 1/16	5/8	6.02
565	41064	1 1/16	3/4	6.02
566	41067	1 1/4	3/4	6.69

"ARMALOY" - ALLOY STEEL GRAY FINISH COMBINATION WRENCHES

Cat. Page 49 - Std. Pkg. 5

Extra Long Pattern

Cat. No.	Ordering No.	Nominal Openings, In.	Price Each
G60L	53071	3/8	$2.40
G61L	53072	7/16	2.71
G62L	53073	1/2	2.81
G63L	53074	9/16	3.10
G64L	53075	5/8	3.40
G65L	53076	11/16	3.40
G66L	53077	3/4	3.61
G67AL	53078	13/16	4.61
G67L	53079	7/8	5.10
G68L	53080	15/16	5.49
G70L	53081	1	6.20
G71L	53082	1 1/16	7.49
G72L	53083	1 1/8	8.61
G73L	53084	1 1/4	10.16



Cat. Page 51
45° Box Socket Wrenches

G8723	54401	3/8 & 7/16	2.81
G8725	54402	7/16 & 1/2	2.95
G8725B	54403	1/2 & 9/16	3.40
G8727	54404	9/16 & 5/8	3.41
G8729	54405	5/8 & 3/4	3.63
G8029B	54406	11/16 & 3/4	3.72
G8731A	54407	3/4 & 7/8	4.10
G8731B	54408	13/16 & 7/8	4.10
G8033C	54409	15/16 & 1	5.26
G8735A	54410	1 1/16 & 1 1/8	8.76
G8037	54411	1 1/16 & 1 1/4	10.37

"ARMALOY" - ALLOY STEEL SOCKETS

1/4" SQUARE DRIVE

Cat. Page 65 - Std. Pkg. 5

6-Point Opening

Cat. No.	Ordering No.	Nominal Opening, In	Price Each
NM-604	60016	1/8	$1.10
NM-605	60017	5/32	1.10
NM-606	60001	3/16	1.10
NM-607	60002	7/32	1.10
NM-608	60003	1/4	1.10
NM-609	60004	9/32	1.10
NM-610	60005	5/16	1.10
NM-611	60006	11/32	1.10
NM-612	60007	3/8	1.10
NM-614	60008	7/16	1.10
NM-616	60009	1/2	1.10

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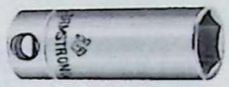
12-Point Opening

NM-1210	60011	5/16	1.10
NM-1211	60012	11/32	1.10
NM-1212	60013	3/8	1.10
NM-1214	60014	7/16	1.10
NM-1216	60015	1/2	1.10
NM-1218	60116	9/16	1.38

4 (and 8) - Point Opening

NM-406	60021	3/16	1.13
NM-407	60022	7/32	1.13
NM-408	60023	1/4	1.17
NM-810	60031	5/16	1.17
NM-812	60032	3/8	1.17



Deep, 6-Point Sockets

NMD-608	60041	1/4	1.65
NMD-609	60042	9/32	1.65
NMD-610	60043	5/16	1.69
NMD-611	60044	11/32	1.69
NMD-612	60045	3/8	1.69
NMD-614	60046	7/16	1.80
NMD-616	60047	1/2	1.80
NMD-618	60035	9/16	1.80

3/8" SQUARE DRIVE

Cat. Page 68 - Std. Pkg. 5

6-Point Opening

F-608	61080	1/4	1.33
F-610	61083	5/16	1.34
F-612	61084	3/8	1.34
F-614	61085	7/16	1.34
F-616	61086	1/2	1.34
F-618	61087	9/16	1.34
F-620	61088	5/8	1.45
F-622	61089	11/16	1.45
F-624	61090	3/4	1.45

12-Point Opening

F-1208	61001	1/4	1.34
F-1210	61002	5/16	1.34
F-1211	61003	11/32	1.34
F-1212	61004	3/8	1.34
F-1214	61005	7/16	1.34
F-1216	61006	1/2	1.34
F-1218	61007	9/16	1.34
F-1219	61028	19/32	1.45
F-1220	61008	5/8	1.45
F-1222	61009	11/16	1.45
F-1224	61010	3/4	1.45
F-1225	61011	25/32	1.56
F-1226	61012	13/16	1.56
F-1228	61013	7/8	1.63
F-1230	61065	15/16	1.88
F-1232	61066	1	2.02

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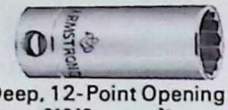
4 (or 8) - Point Opening

F-409	61014	9/32	1.45
F-810	61015	5/16	1.45
F-812	61016	3/8	1.45
F-814	61017	7/16	1.45
F-816	61018	1/2	1.45
F-818	61019	9/16	1.85
F-820	61020	5/8	1.85

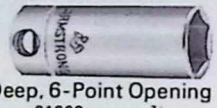
Flex, 12-Point Opening

FX-1212	61021	3/8	4.18
FX-1214	61022	7/16	4.18
FX-1216	61023	1/2	4.18
FX-1218	61024	9/16	4.18
FX-1220	61025	5/8	4.18
FX-1222	61026	11/16	4.80
FX-1224	61027	3/4	4.80



Deep, 12-Point Opening

FD-1212	61040	3/8	1.56
FD-1214	61041	7/16	1.56
FD-1216	61042	1/2	1.56
FD-1218	61043	9/16	1.63
FD-1220	61044	5/8	1.74
FD-1222	61045	11/16	1.85
FD-1224	61046	3/4	2.11
FD-1226	61047	13/16	2.22
FD-1228	61048	7/8	2.51



Deep, 6-Point Opening

FD-612	61030	3/8	1.56
FD-614	61031	7/16	1.56
FD-616	61032	1/2	1.56
FD-618	61033	9/16	1.63
FD-620	61034	5/8	1.74
FD-622	61035	11/16	1.85
FD-624	61036	3/4	2.11
FD-626	61037	13/16	2.22
**FD-626R	61038	13/16	2.33

**(Spark plug socket with rubber insert)

Crowfoot Attachment
Open End Type

FO-112	61171	3/8	1.87
FO-114	61172	7/16	1.87
FO-116	61173	1/2	2.04
FO-118	61174	9/16	2.12
FO-120	61175	5/8	2.12
FO-122	61176	11/16	2.38
FO-124	61177	3/4	2.59
FO-128	61178	7/8	2.71

FB-120			3.65
FB-122		/16	3.86
FB-124			4.16
FB-126		6	4.37
FB-128			4.58
FB-130	61184		5.04
FB-132	61185		5.08

1/2" SQUARE DRIVE

Cat. Page 72 - Std. Pkg. 5

6-Point Opening

ST-612	62170	3/8	1.45
ST-614	62171	7/16	1.45
ST-616	62172	1/2	1.45
ST-618	62173	9/16	1.45
ST-620	62175	5/8	1.45
ST-621	62176	21/32	1.63
ST-622	62177	11/16	1.63
ST-624	62178	3/4	1.67
ST-626	62180	13/16	1.72
ST-628	62181	7/8	1.85
ST-630	62182	15/16	1.96
ST-632	62184	1	2.11

12-Point Opening

ST-1212	62001	3/8	1.45
ST-1214	62002	7/16	1.45
ST-1216	62003	1/2	1.45
ST-1218	62004	9/16	1.45
ST-1219	62006	19/32	1.45
ST-1220	62007	5/8	1.45
ST-1221	62008	21/32	1.63
ST-1222	62009	11/16	1.63
ST-1224	62010	3/4	1.67
ST-1225	62011	25/32	1.74
ST-1226	62012	13/16	1.85
ST-1228	62013	7/8	1.85
ST-1230	62014	15/16	1.96
ST-1231	62015	31/32	1.96
ST-1232	62016	1	2.11
ST-1234	62017	1 1/16	2.22
ST-1236	62018	1 1/8	2.62
ST-1238	62019	1 3/16	2.77
ST-1240	62020	1 1/4	3.01
ST-1242	62042	1 5/16	3.96
ST-1244	62043	1 3/8	4.31
ST-1246	62044	1 7/16	4.98
ST-1248	62045	1 1/2	5.60

8-Point Opening

S-810	62031	5/16	1.63
S-812	62032	3/8	1.63
S-814	62033	7/16	1.63
S-816	62034	1/2	1.63
S-818	62035	9/16	1.63
S-820	62036	5/8	1.67
S-822	62037	11/16	1.85
S-824	62038	3/4	2.18
S-826	62039	13/16	2.57
S-828	62040	7/8	2.68
S-832	62041	1	3.12

Flex, 12-Point Opening

SX-1216	62071	1/2	5.17
SX-1218	62072	9/16	5.17

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SX-1220	62073	5/8	5.17
SX-1222	62074	11/16	5.17
SX-1224	62075	3/4	5.17

Deep, 12-Point Opening

SD-1216	62051	1/2	2.62
SD-1218	62052	9/16	2.62
SD-1220	62053	5/8	2.62
SD-1222	62054	11/16	2.62
SD-1224	62055	3/4	2.62
SD-1226	62056	13/16	2.73
**SD-626R	62048	13/16	2.52

**(6-Pt. Spark Plug Socket With Rubber Insert.)

SD-1228	62057	7/8	3.01
SD-1228T	62058	7/8	3.01
SD-1230	62059	15/16	3.23
SD-1232	62060	1	3.34
SD-1234	62061	1 1/16	3.34
SD-1236	62062	1 1/8	3.45

Crowfoot Attachment
Open End Type

SO-130	62191	15/16	4.41
SO-132	62192	1	4.41
SO-134	62193	1 1/16	4.62
SO-136	62194	1 1/8	4.66
SO-140	62195	1 1/4	4.79
SO-144	62196	1 3/8	5.08
SO-146	62197	1 7/16	5.13
SO-148	62198	1 1/2	5.20
SO-152	62199	1 5/8	5.57
SO-156	62200	1 3/4	6.36
SO-158	62201	1 13/16	6.70

Box Type

SB-136	62202	1 1/8	5.13
SB-140	62203	1 1/4	5.98
SB-142	62204	1 5/16	6.30
SB-144	62205	1 3/8	6.59
SB-146	62206	1 7/16	6.91
SB-148	62207	1 1/2	7.21
SB-152	62208	1 5/8	7.81
SB-154	62209	1 11/16	8.09
SB-156	62210	1 3/4	8.38

3/4" SQUARE DRIVE

Cat. Page 83 - Std. Pkg. 2

12-Point Opening

H-1224	63024	3/4	3.50
H-1226	63025	13/16	3.50
H-1228	63001	7/8	3.50
H-1230	63002	15/16	3.50
H-1231	63003	31/32	3.50
H-1232	63004	1	3.50
H-1234	63005	1 1/16	3.50
H-1236	63006	1 1/8	3.50
H-1238	63007	1 3/16	3.61
H-1240	63008	1 1/4	4.09
H-1242	63009	1 5/16	4.58
H-1244	63010	1 3/8	4.91
H-1246	63011	1 7/16	5.35
H-1248	63012	1 1/2	5.63

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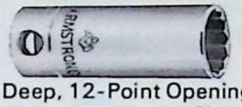
H-1250	63023	1 9/16	6.12
H-1252	63013	1 5/8	6.78
H-1254	63014	1 11/16	7.30
H-1256	63015	1 3/4	7.30
H-1258	63016	1 13/16	7.48
H-1260	63017	1 7/8	8.29
H-1264	63018	2	9.28
H-1266	63019	2 1/16	10.96
H-1268	63020	2 1/8	11.20
H-1270	63021	2 3/16	11.75
H-1272	63022	2 1/4	14.08
H-1274	63026	2 5/16	15.35
H-1276	63027	2 3/8	16.69



Deep, 12-Point Opening

HD-1228	63029	7/8	5.68
HD-1230	63031	15/16	5.68
HD-1232	63030	1	5.68
HD-1234	63032	1 1/16	5.79
HD-1236	63035	1 1/8	5.90
HD-1240	63033	1 1/4	5.90
HD-1242	63038	1 5/16	6.77
HD-1244	63037	1 3/8	7.10
HD-1246	63034	1 7/16	7.28
HD-1248	63038	1 1/2	7.85
HD-1252	63039	1 5/8	8.68

1" SQUARE DRIVE

Cat. Page 85 - Std. Pkg. 1
(X-1248 & below, 2)

12-Point Opening

X-1234	64001	1 1/16	5.85
X-1236	64002	1 1/8	5.85
X-1240	64003	1 1/4	6.39
X-1244	64004	1 3/8	6.78
X-1246	64005	1 7/16	7.28
X-1248	64006	1 1/2	7.61
X-1252	64007	1 5/8	8.18
X-1258	64008	1 13/16	10.21
X-1260	64009	1 7/8	11.84
X-1264	64010	2	12.98
X-1268	64011	2 1/8	16.26
X-1270	64012	2 3/16	17.09
X-1272	64013	2 1/4	18.06
X-1276	64014	2 3/8	21.38
X-1280	64015	2 1/2	27.61
X-1282	64016	2 9/16	31.20
X-1284	64017	2 5/8	34.36
X-1288	64018	2 3/4	36.98
X-1294	64019	2 15/16	46.22
X-12100	64020	3 1/8	57.07

"ARMALOY" - ALLOY STEEL BLACK FINISH SOCKETS

Cat. No.	Ordering No.	Nominal Opening, In	Price Each

1/4" SQUARE DRIVE

Cat. Page 65 - Std. Pkg. 5

6-Point Opening

NMB606	60048	3/16	$.77

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NMB607	60049	7/32	.77
NMB608	60050	1/4	.77
NMB609	60051	9/32	.77
NMB610	60052	5/16	.77
NMB611	60053	11/32	.77
NMB612	60054	3/8	.77
NMB614	60055	7/16	.77
NMB616	60056	1/2	.87

Deep, 6-Point Opening

NMDB608	60057	1/4	$1.33
NMDB610	60058	5/16	1.33
NMDB612	60059	3/8	1.33
NMDB614	60060	7/16	1.45

3/8" SQUARE DRIVE

Cat. Page 68 - Std. Pkg. 5

12-Point Opening

FB1208	61111	1/4	$.91
FB1210	61112	5/16	.96
FB1212	61113	3/8	.96
FB1214	61114	7/16	.96
FB1216	61115	1/2	.96
FB1218	61116	9/16	.96
FB1220	61117	5/8	1.05
FB1222	61118	11/16	1.05
FB1224	61119	3/4	1.05

1/2" SQUARE DRIVE

Cat. Page 73 - Std. Pkg. 5

12-Point Opening

STB1214	62021	7/16	1.19
STB1216	62022	1/2	1.19
STB1218	62023	9/16	1.19
STB1220	62024	5/8	1.28
STB1222	62025	11/16	1.31
STB1224	62026	3/4	1.31
STB1226	62027	13/16	1.66
STB1228	62028	7/8	1.75
STB1230	62029	15/16	1.91

"ARMALOY" - ALLOY STEEL DRIVE PARTS

Drive Size	Cat. No.	Ordering No.	Description	Cat. Page	Price Each

"90" SERIES RATCHETS
Std. Pkg. 5

1/4	NM-91	60061	4 1/2" long	65	$6.29
3/8	F-91	61064	7" long	69	9.35
1/2	S-91	62087	10 1/2" long	73	12.47
1/2	S-92	62088	15" long	73	13.62
1/2	SA-55	62086	14" long	73	14.20

Ratchet Repair Kits
Std. Pkg. 1

1/4	NM-91-RK	60711	For NM-91	65	3.26
3/8	F-91-RK	61711	For F-91	69	3.71
1/2	S-9192-RK	62711	For S-91, S-92	73	5.21

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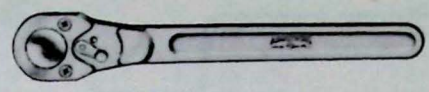
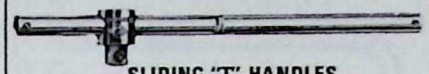


"50" SERIES RATCHETS
Std. Pkg. HA-2; XA Not Boxed

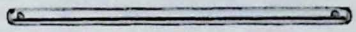
3/4	HA-51	63042	19" Reversible	83	25.65
1	XA-51	64042	30" Reversible	85	47.48



SLIDING "T" HANDLES
Std. Pkg. NM, F, S-5; H-2; X Not Boxed

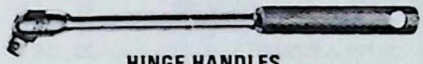
1/4	NM-20A	60071	4 1/2" Long	65	2.13
3/8	F-20A	61071	8" Long	69	3.45
1/2	S-20A	62093	11" Long	73	4.95
3/4	H-20A	63051	17 1/2" Long	83	10.58
1	*X-20C	64040	Adapter	85	8.47
1	*X-20B	64039	Sliding Handle	85	8.18

* X-20C & X-20B are used together to make a 1" drive sliding "T" handle.



SLIDING BARS
Std. Pkg. NM, F, S-5; H-2; X Not Boxed

1/4	NM-42B	60082	1/4" x 4 1/2"	65	.75
3/8	F-40B	61073	5/16" x 7"	69	.92
1/2	S-42B	62097	7/16" x 9"	73	1.14
3/4	H-41B	63054	3/4" x 16"	83	1.83
1	X-20B	64039	1" x 20"	85	8.18



HINGE HANDLES
Std. Pkg. NM, F, S-5; H-2; X Not Boxed

1/4	NM-42	60081	5 3/4" Long	65	3.98
3/8	F-40	61072	8 1/2" Long	69	5.63
1/2	S-40	62095	12" Long	73	8.95
1/2	S-41	62096	17" Long	73	10.12
3/4	H-41	63052	22" Long	83	16.15
1	X-41	64044	27" Long	85	38.59

EXTENSIONS
Std. Pkg. NM, F, S-5; H-2; X Not Boxed

1/4	NM-102	60111	2" Long	65	1.52
1/4	NM-115	60112	6" Long	65	1.91
1/4	NM-116	60113	14" Long	65	2.95
3/8	F-102	61107	1 3/4" Long	69	1.56
3/8	F-103	61091	3" Long	69	2.18
3/8	F-110	61092	6" Long	69	2.73
3/8	F-115	61093	10 1/2" Long	69	3.34
3/8	F-117	61094	17" Long	69	4.29
1/2	S-102P	62089	2 1/2" Long	73	2.62
1/2	S-110P	62100	5 1/4" Long	73	2.97
1/2	S-115P	62101	10 1/2" Long	73	3.89
1/2	S-121P	62102	20" Long	73	6.29
3/4	H-104	63061	4" Long	83	5.52
3/4	H-110	63062	8" Long	83	6.64
3/4	H-115	63063	15 1/2" Long	83	9.28
1	X-110	64045	9" Long	85	12.50
1	X-115	64046	18" Long	85	15.66

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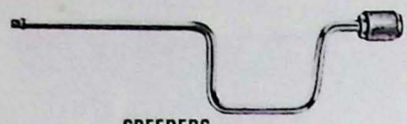
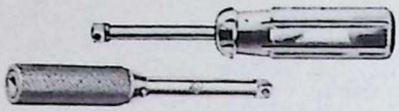


SPEEDERS
Not Boxed

¼	NM-15	60065	15¾" Long	65	3.81
⅜	F-15	61082	16" Long	69	4.18
½	S-10	62098	14½" Long	73	6.82
½	S-15	62099	19½" Long	73	7.17

OFFSET HANDLES
Std. Pkg. 5

⅜	F-30	61081	7¾" Long	69	4.00
½	S-30	62094	12" Long	73	5.06



DRIVE HANDLES
Std. Pkg. 5

¼	NM-106	60101	6" Plastic	65	2.35
¼	NM-110	60091	5½" Ext. Drvr.	65	4.51
⅜	F-106	61078	6" Plastic	69	3.53

UNIVERSAL JOINTS
Std. Pkg. NM, F, S-5; H-2

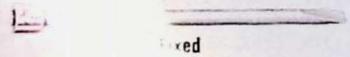
¼	NM-140	60114		65	3.83
⅜	F-140	61102		69	4.29
½	S-140	62103		73	5.17
¾	H-140	63071		83	15.14

ADAPTERS
Std. Pkg. MF, FS, SH-5; HX-2

¼	F	MF-130	60087	⅜" Male	65	1.58
⅜	F	MF-131	61105	¼" Male	65	2.18
⅜	F	FS-130	61103	½" Male	69	2.18
½	F	FS-131	61104	⅜" Male	69	2.18
½	F	SH-130	62105	¾" Male	73	2.73
¾	F	SH-131	62106	½" Male	73	3.45
¾	F	HX-130	63073	1" Male	83	5.79
1	F	HX-131	63075	¾" Male	83	6.51

SCREWDRIVER SOCKETS
Std. Pkg. 5

½	SB		7/64" x 15/16"	73	2.11
½	SB		3/32" x 1 1/4"	73	2.18



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SCREW D[illegible]ACHMENTS

¼	NM-22C	60145		65	2.73

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¼	NM-23C	60161	2 7/16" Dtchable	65	2.73
⅜	F-23C	61140	3" Dtchable	68	2.93
⅜	F-25C	61141	3" Dtchable	68	2.93
⅜	F-31C	61142	3 7/16" Dtchable	68	2.93
½	S-23C	62262	2⅞" Dtchable	72	3.24
½	S-25C	62263	2⅞" Dtchable	72	3.24
½	S-31C	62264	2⅞" Dtchable	72	3.24

PHILLIPS SCREW DRIVER SOCKETS
Std. Pkg. 5

¼	NMP-12	60151	#1 x 1 27/32 O.A.L	65	2.48
¼	NMP-22	60152	#2 x 1 27/16	65	2.56
¼	NMP-23	60153	#2 x 3½2	65	2.89
⅜	FP-12	61135	#1 x 2 1/16	68	2.73
⅜	FP-22	61149	#2 x 2 1/16	68	2.73
⅜	FP-32	61150	#3 x 2 5/16	68	2.85
⅜	FP-41	61151	#4 x 1 11/16	68	3.01
⅜	FP-42	61152	#4 x 2 5/16	68	3.26
½	SP-12	62250	#1 x 2 5/16	72	2.90
½	SP-22	62251	#2 x 2 5/16	72	2.90
½	SP-32	62252	#3 x 2 5/16	72	3.08
½	SP-42	62253	#4 x 2 5/16	72	3.40

HEX DRIVER SOCKETS
Std. Pkg. 5

¼	NMA-2A	59091	5/64 bit	66	1.45
¼	NMA-3	59092	3/32	66	1.45
¼	NMA-3A	59093	7/64	66	1.45
¼	NMA-4	59061	⅛	66	1.45
¼	NMA-4A	59094	9/64	66	1.45
¼	NMA-5	59062	5/32	66	1.45
¼	NMA-6	59063	3/16	66	1.56
¼	NMA-7	59095	7/32	66	2.04
¼	NMA-8	59096	¼	66	2.06
¼	NMA-10	59097	5/16	66	2.06
⅜	FA-4	59098	⅛	68	1.56
⅜	FA-5	59099	5/32	68	1.56
⅜	FA-6	59067	3/16	68	1.56
⅜	FA-7	59068	7/32	68	1.56
⅜	FA-8	59069	¼	68	1.67
⅜	FA-10	59070	5/16	68	1.74
⅜	FA-12	59100	⅜	68	2.26
½	SA-8	59101	¼	72	2.51
½	SA-10	59102	5/16	72	2.51
½	SA-12	59079	⅜	72	2.84
½	SA-16	59080	½	72	3.34
½	SA-18	59081	9/16	72	3.45
½	SA-20	59082	⅝	72	3.67

EXTRA BITS FOR
HEX WRENCH SOCKETS
Cat. Pages 66, 68, 72 - Std. Pkg. 5

Cat. No.	Ordering No.	Hex Size	Price Each
B2A	59150	5/64	.55
B3	59151	3/32	.55
B3A	59152	7/64	.55
B4	59153	⅛	.55
B4A	59154	9/64	.55
B5	59155	5/32	.55
B6	59156	3/16	.57
B7	59157	7/32	.62
B8	59158	¼	.69
B10	59159	5/16	.79
B12	59160	⅜	.94
B16	59161	½	1.23
B18	59162	9/16	1.30
B20	59163	⅝	1.39

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"ARMALOY" - ALLOY STEEL BLACK FINISH DRIVE PARTS

Drive Size	Cat. No.	Ordering No.	Description	Cat. Page	Price Each

RATCHETS
Std. Pkg. NM, FA, SA-5; HA-2

¼	NMB91	60124	4½" reversible	65	$5.98
⅜	FAB51	61075	7" reversible	69	8.32
⅜	FAB50	61095	7" plug type	69	7.90
½	SAB51	62221	10½" reversible	73	10.56
½	SAB50	62224	10½" plug type	73	9.70
¾	HAB51	63045	19" reversible	83	23.38
¾	HAB50	63044	19" plug type	83	22.21
1	XAB50	64048	30" plug type	85	45.11

EXTENSIONS
Std. Pkg. 5

¼	NMB102	60121	2" long	65	$1.10
¼	NMB115	60122	6" long	65	1.69

HINGE HANDLES
Std. Pkg. NM, F, S-5; H-2

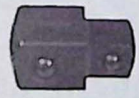
¼	NMB42	60123	5¾" long	65	$3.51
⅜	FB40	61077	8½" long	69	4.99
½	SB41	62222	17" long	73	8.73
¾	HB41	63046	22" long	83	15.37

SLIDING "T" HANDLES
Std. Pkg. F, S-5; H-2

⅜	FB20A	61076	8" long	69	3.16
½	SB20A	62223	11" long	73	4.28
¾	HB20A	63047	17½" long	73	10.09

PLUG CONNECTORS
Std. Pkg. 5

⅜	FB150	61097		69	1.44
½	SB150	62226		73	1.82
¾	HB150	63049		83	3.01
1	XB150A	64049		85	3.16

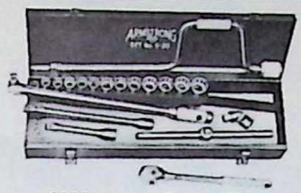


PLUG ADAPTERS
Std. Pkg. FM, FS, SH-5; HX-2

⅜	M	FMB150	61098	¼" male	69	1.82
⅜	M	FSB151	61099	½" male	73	2.12
½	M	SHB151	62227	¾" male	73	3.39
¾	M	HXB151	63048	1" male	83	3.72

SEC. "C" HAND TOOLS

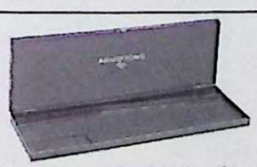
SOCKET SETS
In Steel Cases - Std. Pkg. 1



Cat. No.	Ordering No.	No. Pcs.	Cat. Page	Price Each
NM-10	60131	10	77	16.32
NM-10A	60130	10	77	19.40
NM-10HS	59055	10	66	18.46
NM-14	60136	14	77	24.19
NM-18	60133	17	77	32.29
NM-18P	60132	18	77	36.12
NM-19	60135	18	77	35.97
NM-19P	60134	19	77	39.86
NM-24	60142	23	77	42.19
NM-24P	60141	24	77	46.02
NM-34	60138	34	67	66.10
F-7HS	59056	7	70	13.95
F-7SS	61127	7	70	22.40
FX-7	61129	7	70	32.54
F-10	61121	10	80	31.76
F-10A	61120	14	80	43.86
F-29	61122	29	80	87.24
F-21	61123	21	81	54.62
F-21A	61124	27	81	73.01
F-21C	61126	33	81	92.46
F-51	61128	51	71	140.19
S-6HS	59057	6	74	20.36
S-7SS	62137	7	74	24.04
S-11	62111	11	84	30.22
S-12	62113	12	84	35.54
S-18	62114	18	84	66.57
S-20	62121	20	84	78.91
S-22	62115	22	85	73.35
S-22A	62116	30	85	101.02
S-22C	62118	36	85	120.47
S-25	62122	25	86	93.96
S-28	62129	28	86	93.81
S-33	62130	33	86	108.86
S-59	62139	59	77	210.21
S-H-36	82133	36	87	215.56
SX-5	62138	5	74	27.89
S-H-36C	62136	57	87	312.99
NM-H-106	64074	106	88	483.68
NM-S-150	64073	150	89	535.96
M-266	64085	284	90	2515.62
† MS-142	64081	142	90	470.57
† HD-101	64080	101	90	1098.36
† P-23	89201	31	90	308.31
H-13	63081	13	93	88.15
H-15	63082	15	93	128.94
H-18	63083	18	93	161.68
X-10	64075	10	95	128.50
X-16	64076	16	95	219.96
AM-50	59053	11	97	34.33
AM-100	59054	19	97	73.21

STEEL CASES
Cat. Page 81 - Std. Pkg. 1

Cat. No.	Ordering No.	Dimensions, Inches	Price Each



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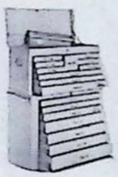
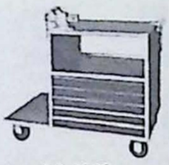
C-1	24701	6½ x 3½ x 1¼	$2.88
C-2A	24702	6⅞ x 3 x 1¼	2.04
C-2B	24703	6⅞ x 3 x 1¼	2.04
C-5	24711	9¼ x 3¼ x 2⅝	4.87
C-7	24713	17 x 5¼ x 3	8.59
C-11	24764	12 x 5½ x 3⅜	8.31
C-13	24721	17½ x 3¼ x 2 3/16	4.02
C-15	24718	14 x 5¾ x 3	9.04
C-17	24717	21 x 6½ x 3½	10.14
C-19	24755	22¾ x 7¾ x 2 3/16	8.99
C-21	24731	23 x 7½ x 4⅛	12.41
C-23	24743	21¼ x 8⅛ x 5	15.63
C-25	24744	31 x 7 x 4¼	18.03
C-29	24727	22¾ x 8⅜ x 6	18.83
C-31	24752	24 x14¼ x10¾	59.93
C-33	24706	24 x14¼ x10¾	71.53
C-34	24723	17 x 5⅝ x 1¼	4.31
C-35	24722	21½ x 5⅝ x 3⅛	11.31
C-42	24791	21 x 7 1/16 x 4 5/16	18.08
C-44	24792	27 x 7 9/16 x 4 5/16	20.55
C-45	24781	21 x 5⅛ x 3½	18.46
C-46	24793	30⅞ x 4¾ x 9	30.15
C-47	24745	26½ x10½ x 7	25.99
C-50	24748	9½ x 4 x 1 3/16	2.78
C-51	24749	10 x 6⅞ x 1 3/16	3.71

TOOL CHESTS AND CABINETS
Cat. Page 82 - Not Boxed

Cat. No.	Ordering No.	Dimensions, Inches	Price Each





C-63 TC-2000
TC-1003 (Does not include vises)

C-60	24707	26⅛ x12⅛ x10¼	$53.76
C-61	24708	26⅛ x12⅛ x15	78.18
C-62	24709	26⅛ x15 1/16 x18	139.94
C-63	24710	34 x16 x18¾	189.00
TC-1000	24754	26⅜ x17⅜ x32¼	115.50
TC-1001	24756	26½ x18⅛ x36	133.00
TC-1002	24757	26½ x18⅛ x34¾	193.48
TC-1003	24758	34¼ x18 1/16 x34⅝	316.40
TC-2000	64084	29 x50 x37¾	541.00

STEEL TOTE TRAYS
Cat. Page 81 - Not Boxed

Cat. No.	Ordering No.	Dimensions, Inches	Price Each
CT-5	24746	22½ x 8⅛ x 3	$ 7.02
CT-5R	24742	22½ x 8⅛ x 3	7.02
CT-7	24747	25½ x 9½ x 3	6.45
CT-9	24760	6¼ x 1⅜ x 1	1.80

PLASTIC ROLLS
Cat. Page 81 - Not Boxed

Cat. No.	Ordering No.	No. Pockets	Dimensions, Inches	Price Each
R-1	74078	9	21½ x22½	$ 3.85
R-3	74077	6	11⅜ x14⅛	2.50
R-5,	74071	5	7⅝ x 6¾	.77
R-6	74096	6	14¼ x19½	2.72
R-7	74073	11	9¾ x 7⅝	1.53

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R-8	74080	10	11¾ x11¼	2.56
R-9	74090	14	13½ x 8	1.88
R-10	74075	8	7 x11¼	.80
R-11	74079	6	6¾ x 8¾	.89
R-15	74076	8	6¼ x10	1.88
R-17	74072	4	5⅝ x10	1.03
R-19	74089	18	21⅜ x27¾	11.44
R-20	74097	15	23 x34	8.58
R-21	74091	8	11⅞ x13⅞	3.01
R-23	74081	12	23¾ x20⅛	4.20
R-25	74083	3	5½ x12¾	.99
R-27	74092	4	4¾ x 7⅛	.89
R-31	74084	6	10⅝ x25	3.25
R-33	74085	5	9 x21¾	2.35
R-35	74093	5	6¾ x13⅞	1.45
R-37	74086	14	18¼ x21½	4.10
R-39	74087	19	18¼ x21½	5.40

TORQUE WRENCHES
Cat. Page 88 - Std. Pkg. 1

Cat. No.	Ordering No.	Sq. Drive	Torque Capacity	Price Each

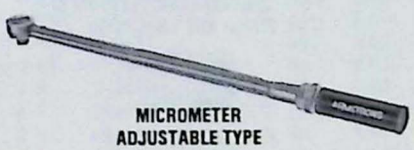
SCREWDRIVER TYPE

NTS-1	60167	¼	4-100 In. Oz.	$55.90
NTS-2	60168	¼	2-30 In. Lbs.	55.90

ROUND BEAM DEFLECTING TYPE

Inch Lbs. and Foot Lbs.

FRB-3	61138	⅜	0-300 (In. Lbs. Only)	28.78
FRB-6	61139	⅜	0-600, 0-50	15.46
SRB-12	62165	½	0-1200, 0-100	17.44
SRB-18	62166	½	0-1800, 0-150	20.16
SRB-24	62167	½	0-2400, 0-200	21.64



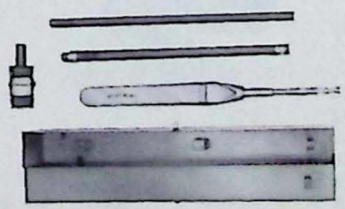
MICROMETER ADJUSTABLE TYPE

Inch - Lbs.

FTW-5	61144	⅜	30-250	48.74
FTW-6	61145	⅜	150-1000	47.53
STW-6	62162	½	300-2500	48.74

Foot - Lbs.

FTW-2	61143	⅜	15-100	44.69
STW-4	62161	½	30-250	48.36
HTW-6	63106	¾	100-600	237.74



Entire Set Comes Complete In Metal Carrying Case

XTW-7	64050	1	400-2000	718.54

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"O" RINGS
Std. Pkg. 25

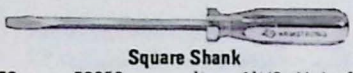
¾	A-1	66221	1 7/16" Dia.	92	.40
1	B-1	66222	1¾"	92	.55
1½	C-1	66223	3¼"	94	.66

RETAINER PINS
Std. Pkg. 25

¾	C	66216	1½" Long	92	.22
1	D	66217	1⅞"	92	.22
1½	E	66218	3¼"	94	.33

SCREWDRIVERS
Cat. Page 95 - Std. Pkg. 5

Cat. No.	Ordering No.	Description	Price Each



Square Shank

3050	56050	¼ x 1¼(Stubby)	$1.31
3052	56051	5/16 x 4	1.41
3054	56052	¼ x 4	1.83
3056	56053	¼ x 6	2.29
3058	56054	5/16 x 4	1.83
3060	56055	5/16 x 6	2.51
3062	56056	5/16 x 8	2.76
3064	56057	⅜ x 8	3.10
3066	56058	⅜ x12	3.80

Round Shank

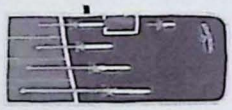
3104	56062	¼ x 4	1.51
3106	56063	5/16 x 6	2.13
3108	56064	⅜ x 8	2.71
3110	56202	⅜ x10	3.01

Cabinet Type

3152	56071	⅛ x 2	1.21
3154	56072	3/16 x 3	1.31
3156	56073	3/16 x 6	1.44
3158	56203	3/16 x 8	1.62

Phillips

3252	56081	#2 Phil. (Stubby)	1.36
3253	56204	#0 Phil.	1.01
3254	56082	#1 Phil.	1.31
3256	56083	#2 Phil.	1.58
3258	56084	#3 Phil.	2.24
3260	56085	#4 Phil.	2.89



Screwdriver Sets
Std. Pkg. 1

3001	56091	6 Pc. Sq.	17.13
3002	56092	5 Pc. Sq.	12.47
3003	56093	5 Pc. Phil.	11.75

CUSHION GRIP SCREWDRIVERS
Page 95

Cat. No.	Ordering No.	Description	Price Each

Regular Keystone

Continued in next column

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RG14	56205	¼ x 4	$1.93
RG16	56206	5/16 x 6	2.31
RG18	56207	⅜ x 8	2.92

Phillips

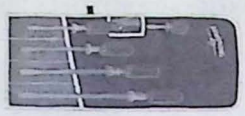
RG28	56212	#2 Phil. (Stubby)	1.77
RG30	56209	#1 Phil.	1.55
RG32	56210	#2 Phil.	2.01
RG34	56211	#3 Phil.	2.75

Square Blade

RG38	56208	¼ x 1½(Stubby)	1.58
RG40	56213	¼ x 4	2.13
RG42	56214	5/16 x 6	2.75
RG44	56215	⅜ x 8	3.38
RG46	56216	⅜ x10	3.76

Electricians-Cabinet Type

RG50	56217	3/16 x 3	1.55
RG51	56218	3/16 x 6	1.61
RG52	56219	¼ x 6	2.10



Cushion Grip Screwdriver Sets
Std. Pkg. 1

RG-4C	56163	4 Pc. Phil.	8.08
RG-5C	56161	5 Pc. Sq.	13.60
RG-5R	56162	5 Pc. Sq.	16.85

PLIERS
Cat. Page 96, 97

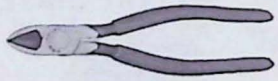
Cat. No.	Ordering No.	Length, Inches	Price Each

LINESMAN'S PLIERS

2006	55151	6	5.41
2007	55152	7	6.16
2008	55153	8	7.30
2009	55150	9	9.54

HEAVY DUTY DIAGONAL CUTTER

2010	55154	7	5.52



DIAGONAL CUTTER PLIERS

2013	55155	4	4.87
2014	55156	4½	4.99
2015	55157	5	4.99
2016	55158	6	5.41
2017	55159	7	6.29

NEEDLE NOSE PLIERS WITHOUT CUTTER

2020	55163	4	4.58
2021	55164	6	5.20

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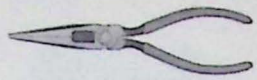


NEEDLE NOSE PLIERS WITH CUTTER

2025	55160	5	5.29
2026	55161	6	5.50
2027	55162	7¾	6.48

LONG SLIM NEEDLE NOSE

2030	55165	6	5.16

BENT NEEDLE NOSE

2032	55166	6	5.67

DUCK BILL WITH CUTTER

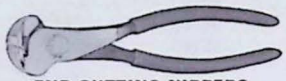
2035	55167	6	5.97

DUCK BILL WITHOUT CUTTER

2037	55168	6	4.46

LONG SHORT NOSE DUCK BILL

2038	55169	8	5.87



END CUTTING NIPPERS

2045	55170	4½	5.23
2046	55171	7	5.97

LOCK RING PLIERS

2055	55177	9	4.99

POWER-GROOVE IGNITION PLIERS

1519-AV	55138	5	4.08
1519-A	55131	5	3.83

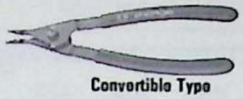
POWER-GROOVE PLIERS

2050	55175	6½	4.28
1520-AV	55139	10	5.59
2051	55176	12	7.72

5, 6, 8, 10

5	55134	5	$2.66
6	55135	6	2.73
8	55136	8	3.38
10	55137	10	4.71

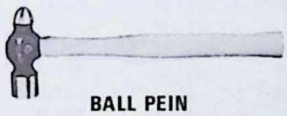
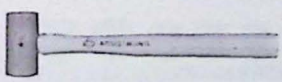
SNAP RING PLIERS
Cat. Page 97 - Std. Pkg. 1

Cat No.	Ordering No.	Length Inches	Price Each
			
Convertible Type			
2078	55183	5¾	$6.78
2079	55184	8	7.28

SNAP RING PLIER SET
Cat. Page 97 - Std. Pkg. 1

Cat. No.	Ordering No.	No. Pcs.	Price Each
Replaceable Tip Type			
2070	55181	3	$ 10.49
Replaceable Tips			
2073	55182	8 pr.	3.49

HAMMERS
Cat. Page 98 - Std. Pkg. 5

Cat. No.	Ordering No.	Wt. Class	Price Each
			
BALL PEIN			
HICKORY HANDLE			
7-0	56021	2 oz.	4.05
5-0	56022	4 oz.	4.05
3-0	56023	8 oz.	4.36
2-0	56024	12 oz.	4.55
0	56025	1 lb.	4.94
2	56026	1½ lb.	5.65
4	56027	2 lb.	6.09
6	56028	2½ lb.	6.72
FIBERGLASS HANDLE			
FG-8	56035	8 oz.	6.07
FG-12	56036	12 oz.	6.34
FG-16	56037	1 lb.	6.62
FG-24	56038	1½ lb.	7.22
FG-32	56039	2 lb.	7.52
			
Copper Head			
15-CH	56018	1½ lb.	7.78
20-CH	56019	2 lb.	9.50

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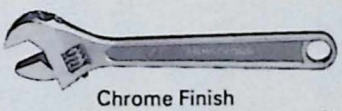
Rubber Mallet			
2-RM	56030	2.00	3.50
SOFT FACED Hammer Bodies Only			
100-H	56251	5 oz.	2.67
105-H	56252	8 oz.	3.03
150-H	56253	12 oz.	3.58
153-H	56254	1 lb.	4.90
155-H	56255	1¼ lb.	4.12
200-H	56256	1¼ lb.	4.74
205-H	56257	2 lb.	5.22
207-H	56258	3 lb.	6.54
250-H	56259	2 lb.	6.19
255-H	56260	4 lb.	7.09
300-H	56261	3½ lb.	9.21
305-H	56262	6 lb.	13.64

TIPS ONLY

Cat. No.	Ordering No.	Diameter, Inches	Hardness	Price Each
T10-SS	56741	1	S.Soft	$1.69
T10-M	56742	1	Med.	1.34
T10-T	56743	1	Tough	1.34
T10-N	56744	1	Med. Hard	1.69
T15-SS	56745	1½	S.Soft	3.21
T15-M	56746	1½	Med.	2.00
T15-T	56747	1½	Tough	2.00
T15-N	56748	1½	Med. Hard	3.21
T20-SS	56749	2	S.Soft	5.14
T20-M	56750	2	Med.	3.03
T20-T	56751	2	Tough	3.03
T20-N	56752	2	Med. Hard	5.14
T25-SS	56753	2½	S.Soft	8.43
T25-M	56754	2½	Med.	5.28
T25-T	56755	2½	Tough	5.28
T25-N	56756	2½	Med. Hard	8.43
T30-SS	56757	3	S.Soft	15.52
T30-M	56758	3	Med.	8.12
T30-T	56759	3	Tough	8.12
T30-N	56760	3	Med. Hard	15.52

ADJUSTABLE WRENCHES
Cat. Page 99 - Std. Pkg. 1

Cat. No.	Ordering No.	Capacity, Inches	Price Each
			
Chrome Finish			
4	56001	½	$4.16
6	56002	¾	4.24
8	56003	15/16	4.83
10	56004	1⅛	6.09
12	56005	1 5/16	8.87
15	56006	1 11/16	13.43
18	56007	2 1/16	22.54
24	56008	2 7/16	38.08

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Locking Style			
6CL	56040	¾	4.24
8CL	56041	15/16	4.83
10CL	56042	1⅛	6.09
12CL	56043	1 5/16	8.87
15CL	56044	1 11/16	13.43
Black Finish			
4B	56011	½	3.33
6B	56012	¾	3.41
8B	56013	15/16	4.11
10B	56014	1⅛	4.97
12B	56015	1 5/16	7.45
15B	56016	1 11/16	11.99
18B	56017	2 1/16	17.74
Locking Style			
6BL	56045	¾	3.41
8BL	56046	15/16	4.11
10BL	56047	1⅛	4.97
12BL	56048	1 5/16	7.45
15BL	56049	1 11/16	11.99

SCREW EXTRACTORS
Cat. Page 99 - Std. Pkg. 5

Cat. No.	Ordering No.	For Bolt Size	Price Each
3310	56265	¼, 5/16	$1.20
3312	56266	⅜	1.30
3314	56267	7/16	1.44
3316	56268	½, 9/16	1.58
3318	56269	⅝	1.98
3319	56270	¾	2.84
3319A	56271	⅞	3.46
3319B	56272	1, 1⅛	3.72
3319C	56273	1¼, 1⅜	4.32
Screw Extractor Set			
3447-R	56098	¼-⅝	7.46

SCRAPER
Cat. Page 99 - Std. Pkg. 1

Cat. No.	Ordering No.	Tip Width	Price Each
3460	56275	15/16"	$3.62

SEC. "C" HAND TOOLS

PUNCHES & CHISELS
Cat. Page 100 - Std. Pkg. 5

Cat. No.	Ordering No.	Description	Price Each
		PIN PUNCHES	
3352	56101	3/32" Point	$1.08
3354	56102	1/8"	1.08
3356	56103	5/32"	1.08
3358	56104	3/16"	1.22
3360	56105	1/4"	1.52
3362	56106	5/16"	1.60
		LONG TAPER PUNCHES	
3372	56107	3/32" Point	$1.62
3374	56108	3/16"	1.76
3376	56109	1/4"	2.19
3378	56143	5/16	2.21
		SOLID PUNCHES	
3382	56111	3/32" Point	1.22
3384	56112	1/8"	1.22
3386	56113	5/32"	1.22
3388	56114	3/16"	1.22
3390	56115	1/4"	1.22
		PRICK PUNCH	
3322	56141	3/8Hex	.94
		CENTER PUNCH	
3395	56144	1/4 Hex	.94
3396	56116	3/8"	.94
3398	56117	1/2"	1.13
		COLD CHISELS	
3402	56121	1/4" Cut	1.11
3404	56122	5/16"	1.13
3406	56123	3/8"	1.22
3408	56124	1/2"	1.53
3410	56125	5/8"	1.76
3412	56126	3/4"	2.10
3414	56127	7/8"	2.73
3416	56128	1"	3.19
		EXTRA LONG COLD CHISELS	
3491	56147	3/8Cut	2.30
3492	56148	3/4	2.89
3496	56149	7/8	3.49
3499	56151	1"	5.43
		PINCH BAR	
		Cat. Page 105 - Std. Pkg. 2	
3430		15" Long	2.64
3431		22"	5.34

PRY BAR
Cat. Page 105 - Std. Pkg. 2

Continued in next column

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3451	56146	15" Long	4.40
3452	56133	16"	5.18
3453	56140	21"	8.16

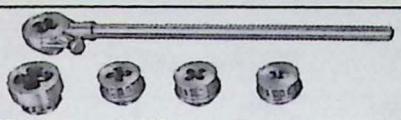
RIVET BUSTER
Cat. Page 105 - Std. Pkg. 2

3420	56131	5/8" HEX	$3.45

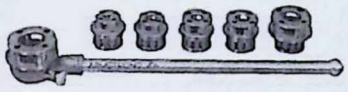
Sets
Std. Pkg. 1

3442-R	56135	5 Pc. Chisel Set	$10.79
3440-R	56134	14 Pc. Punch Set	23.11
3444-R	56136	19 Pc. Pch & Chis Set	33.75
3446-R	56137	6 Pc. Pin Pch Set	8.38
3448-R	56138	10 Pc. Punch Set	14.40

DROPHEAD THREADING SETS
NPT DIES FOR PIPE & CONDUIT
Cat. Page 103 - Std. Pkg. 1

Cat. No.	Ordering No.	Range, Pipe Or Conduit, Size, In.	Price Each
			
GS-3	89223	½ - 1	45.92
GS-4	89225	⅜ - 1	58.02
GS-5	89226	⅜ - 1¼	73.47
OD-6	86247	⅛ - 1	98.12
In Steel Case			
O-D-4A	86245	⅜ - 1	88.06

"20" SERIES
DROPHEAD THREADING SETS
NPT DIES FOR PIPE & CONDUIT
Cat. Page 102 - Std. Pkg. 1

Cat. No.	Ordering No.	Range, Pipe Or Conduit, Size, In.	Price Each
			
In Cardboard Box			
20-2	89131	½ - ¾	38.90
20-3	89132	½ - 1	54.24
20-3A	89133	⅜ - ¾	52.72
20-4	89134	⅜ - 1	68.12
20-5	89135	¼ - 1	82.00
20-6	89136	⅛ - 1	95.88
21-3	89141	½ - 1	61.94
21-4	89142	½ - 1¼	79.28
21-4A	89143	⅜ - 1	77.70
21-5	89144	⅜ - 1¼	95.02
21-6	89145	¼ - 1¼	110.78
21-7	89146	⅛ - 1¼	126.46
22-4	89151	1 - 2	115.36
22-5	89152	¾ - 2	134.62
22-6	89153	½ - 2	154.12
‡22-9AD	89154	⅛ - 2	208.36

‡Consists Of Nos. H-214, H-218, H-2112, H-2216, H-2224, H-2232, H-2240, H-2248, H-2264 Die heads, No. 2122A adapter and No. 22R Drop Head Ratchet

BOLT THREADING SETS
R.H.N.C. BOLT DIES
Cat. Page 102 - Std. Pkg. 1

Cat. No.	Ordering No.	Range, Bolts Dia., In.	Price Each
20-7BC	82003	¼1	$124.20
20-10BC	82004	¼-1	159.16

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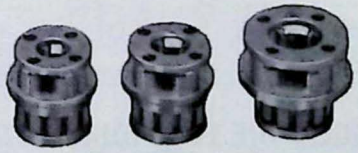
2122-A ADAPTER
Ordering No. 89457
Price Each 11.67

DIE HEADS
Cat. Page 103 - Std. Pkg. 1

Cat. No.	Ordering No.	Series	Size, In.	Price Each
NPT - For Pipe Or Conduit				
E-OD4	86231	OD	⅛	14.26
E-OD8	86232	OD	¼	14.26
E-OD12	86233	OD	⅜	14.26
E-OD16	86234	OD	½	14.26
E-OD24	86235	OD	¾	14.26
E-OD32	86236	OD	1	15.38
E-GS12	89232	GS	⅜	12.10
E-GS16	89233	GS	½	12.10
E-GS24	89234	GS	¾	12.10
E-GS32	89235	GS	1	12.10
E-GS40	89236	GS	1¼	15.45
NC - For Bolts				
H-208A	82061		¼	10.58
H-2010A	82062		5/16	10.58
H-2012A	82063		⅜	10.58
H-2014A	82064		7/16	10.58
H-2016A	82065		½	14.02
H-2018A	82066		9/16	14.02
H-2020A	82067		⅝	14.02
H-2024A	82068		¾	21.38
H-2028A	82069		⅞	21.38
H-2032A	82070		1	25.06

"20" SERIES
DIE HEADS
Cat. Page 103 - Std. Pkg. 1

Cat. No.	Ordering No.	Series	Size, In.	Price Each
				
NPT - For Pipe Or Conduit				
H-204	89551	20	⅛	13.88
H-208	89552	20	¼	13.88
H-2012	89553	20	⅜	13.88
H-2016	89554	20	½	13.88
H-2024	89555	20	¾	13.88
H-2032	89556	20	1	15.88
H-214	89561	21	⅛	15.76
H-218	89562	21	¼	15.76
H-2112	89563	21	⅜	15.76
H-2116	89564	21	½	16.72
H-2124	89565	21	¾	16.72
H-2132	89566	21	1	17.32
H-2140	89567	21	1¼	17.32

Continued in next column

Continued from previous column

H-2216	89571	22	½	19.42
H-2224	89572	22	¾	19.42
H-2232	89573	22	1	24.60
H-2240	89574	22	1¼	24.60
H-2248	89575	22	1½	24.60
H-2264	89576	22	2	27.22

DROPHEAD DIES
Cat. Page 103 - Std. Pkg. 1 (Bolt Dies, 5)

Cat. No.	Ordering No.	For Series	Size, In.	Price Each
BUTTON TYPE				
D-208A	82121	20	¼	$4.66
D-2010A	82122	20	5/16	4.66
D-2012A	92123	20	⅜	5.40
D-2014A	82124	20	7/16	5.40
D-2016A	82125	20	½	8.18
D-2018A	82126	20	9/16	8.18
D-2020A	82127	20	⅝	8.18
D-2024A	82128	20	¾	14.56
D-2028A	82129	20	⅞	14.56
D-2032A	82131	20	1	15.98
SEGMENTAL TYPE				
NPT - For Pipe or Conduit				
D-204	89641	20, 21	⅛	10.66
D-208	89642	20, 21	¼	10.66
D-2012	89643	20, 21	⅜	10.66
D-2016	89644	20, 21, 22	½	10.66
D-2024	89645	20, 21, 22	¾	10.66
D-2032	89646	20, 21, 22	1	12.68
D-2140	89647	21, 22	1¼	12.68
D-2248	89648	22	1½	14.10
D-2264	89649	22	2	14.10

DROPHEAD RATCHETS
Cat. Page 103 - Std. Pkg. 1

Cat. No.	Ordering No.	For Series No.	Price Each
20-R	89412	20	11.40
21-R	89413	21	11.62
22-R	89414	22	14.70
GS-R	89231	GS	9.60
OD-R	93710	OD	11.40

ARMOIL THREAD CUTTING OIL

Cat. Page 107

Cat. No.	Ordering No.	Description	Std. Pkg.	Price Each
		In Cans		
		Clear Oil		
CO-2	81439	1 Pt. Can	10	$1.34
CO-4	81440	1 Qt. Can	10	1.74
CO-6	81441	1 Gal. Can	4	3.34
CO-8	81442	5 Gal. Can	1	14.88
BO-2	81443	½ Pt. Plastic Btle	10	1.09
BO-4	81444	1 Pt. Plastic Btle	10	1.34
CO-12	81451	55 Gal. Drum	1	115.60
		In Plastic Bottles		
		Dark Oil		
CO-22	81445	1 Pt. Can	10	1.25
CO-24	81446	1 Qt. Can	10	1.46
CO-26	81447	1 Gal. Can	4	3.06
CO-28	81448	5 Gal. Can	1	12.88
BO-12	81449	½ Pt. Plastic Btle	10	.99
BO-14	81450	1 Pt. Plastic Btle	10	1.25
CO-32	81452	55 Gal. Drum	1	101.08

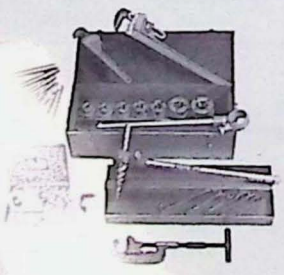
PIPE TAPS

Cat. Page 107 - Std. Pkg. 1

Cat. No.	Ordering No.	For Pipe, Size, In.	Price Each
PT-4	81011	⅛	$2.40
PT-8	81012	¼	2.92
PT-12	81013	⅜	3.90
PT-16	81014	½	4.66
PT-24	81015	¾	6.90
PT-32	81016	1	10.42
PT-40	81034	1¼	14.56
PT-48	81061	1½	19.50
PT-64	81126	2	28.80

P-23C TOOL SET

Cat. Page 107 - Std. Pkg. 1



P-23C Set	...ng No. 89202	$334.30
P-23 Set w/o Case	...g No. 89201	308.31

RECEDING THREADERS

NPT Dies - For Pipe & Conduit

Cat. Pages 105, 106 - Std. Pkg. 1

Cat. No.	Ordering No.	For Pipe & Conduit, Size, In.	Price Each
1-R	94011	1 -2	93.16
2	94004	2½-4	322.67
165	95001	1 -2	394.04

1-R

2

165

HA-500A RATCHET
For No. 2 Threader
Ordering No. 94762 Price Each . . $30.83

DIES FOR RECEDING THRDRS

Cat. Page 106 - Std. Pkg. 1 Set

Cat. No.	Ordering No.	For Thrdr No.	For Pipe & Conduit, Size, In.	Price Each
D-1R32	85011	1-A, 1-R	1	$10.80
D-1R40	85012	1-A, 1-R	1¼	10.80
D-1R48	85013	1-A, 1-R	1½	10.80
D-1R64	85014	1-A, 1-R	2	12.82
D-280	85021	2	2½	28.04
D-296	85022	2	3	28.04
D-2112	85023	2	3½	28.04
D-2128	85024	2	4	28.04
D-165	85101	165	1-2	16.58

SOLID DIE THREADING SETS

Cat. Page 104 - Std. Pkg. 1

Cat. No.	Ordering No.	Range, Inches	Price Each
		With NPT Dies for Pipe & Conduit	
1-5	86034	¼ - 1	72.81
1-6	86035	⅛ - 1	84.39

RATCHETING SOLID DIE THREADING SETS

With NPT Dies for Pipe & Conduit

Cat. Page 104 - Std. Pkg. 1

Cat. No.	Ordering No.	Range, Inches	Price Each
		With Ring Guides	
51BR3	90101	½-1	54.52
51BR4	90102	½-1¼	66.52
51BR4A	90103	⅜-1	66.52
51BR5	90104	⅜-1¼	78.52
51BR6	90105	¼-1¼	90.52
51BR7	90106	⅛-1¼	102.52
51AR3	90111	½-1	57.57
51AR4	90112	½-1¼	67.20
51AR4A	90113	⅜-1	67.20
51AR5	90114	⅜-1¼	76.57
51AR6	90115	¼-1¼	85.95
51AR7	90116	⅛-1¼	95.38
52BR3	90121	1¼ -2	$75.25
52BR4	90122	1 -2	92.36
52BR5	90123	¾ -2	109.47
52BR6	90124	½ -2	126.58
		With Ajustable Guides	
52AR3	90131	1¼ -2	$85.14
52AR4	90132	1 -2	102.25
52AR5	90133	¾ -2	119.36
52AR6	90134	½ -2	136.47

SOLID DIES

Cat. Page 104 - Std. Pkg. 1

Cat. No.	Ordering No.	For Stock	Dimensions, In.	Size, In.	Price Each
			NPT - for Pipe & Conduit		
D-04	83001	0	2x2	⅛	$8.34
D-08	83002	0	2x2	¼	8.34
D-012	83003	0	2x2	⅜	8.34
D-016	83004	0	2x2	½	8.34
D-024	83005	0	2x2	¾	8.34
D-032	83006	0	2x2	1	8.34
D-14	83011	1	2½x2½	⅛	9.47
D-18	83012	1	2½x2½	¼	9.47
D-112	83013	1	2½x2½	⅜	9.47
D-116	83014	1	2½x2½	½	9.47
D-124	83015	1	2½x2½	¾	9.47
D-132	83016	1	2½x2½	1	9.47
D-140	83017	1	2½x2½	1¼	9.47
D-216	83031	2	4x4	½	13.28
D-224	83032	2	4x4	¾	13.28
D-232	83033	2	4x4	1	13.28
D-240	83034	2	4x4	1¼	13.28
D-248	83035	2	4x4	1½	13.28
D-264	83036	2	4x4	2	13.28
			NC Bolt Dies		
D-18A	83111	1	2½x2½	¼	9.47
D-112A	83113	1	2½x2½	⅜	9.47
D-116A	83115	1	2½x2½	½	9.47
D-120A	83117	1	2½x2½	⅝	9.47
D-124A	83119	1	2½x2½	¾	9.47
D-128A	83121	1	2½x2½	⅞	9.47

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D-132A	83123	1	2½x2½	1	9.47
D-136A	83124	1	2½x2½	1⅛	9.47
D-140A	83125	1	2½x2½	1¼	9.47

STOCKS FOR SOLID DIES
Cat. Page 104 - Std. Pkg. 1

Cat. No.	Ordering No.	For Dies, Size, In.	Price Each
0	90701	2 x 2	$14.71
1	90702	2½ x 2½	17.02

RATCHETING SOLID DIE STOCK
Std. Pkg. 1

51AR	90142	2½ x 2½	30.15
51BR	90141	2½ x 2½	20.10
52AR	90152	4 x 4	37.64
52BR	90151	4 x 4	27.75

ADJUSTABLE DIE THREADING SETS
Cat. Page 104 - Std. Pkg. 1

Cat. No.	Ordering No.	Range, Pipe & Conduit, Size, In.	Price Each

With NPT Dies for Pipe & Conduit

2-A-3	87018	½ - 1	50.96
2-A-4	87019	⅜ - 1	62.54
2-A-5	87020	¼ - 1	74.12
2-A-6	87021	⅛ - 1	85.70
2-BR-3	87042	½ - 1	63.80
2-BR-4	87043	⅜ - 1	75.38
2-BR-5	87044	¼ - 1	86.96
2-BR-6	87045	⅛ - 1	98.54
3-BR-3	87192	1¼ - 2	105.33
3-BR-4	87194	1 - 2	124.46
3-BR-5	87196	¾ - 2	143.59
3-BR-6	87198	½ - 2	162.72

ADJUSTABLE DIES
Cat. Page 104 - Std. Pkg. 1

Cat. No.	Ordering No.	For Stock	Width In.	Size, In.	Price Each

Continued in next column

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NPT - for Pipe & Conduit

D-15A4	84006	1½-A	1⅛	⅛	$8.97
D-15A8	84007	1½-A	1⅛	¼	8.97
D-15A12	84008	1½-A	1⅛	⅜	8.97
D-15A16	84009	1½-A	1⅛	½	8.97
D-15A24	84010	1½-A	1⅛	¾	8.97
D-2A4	84011	2-A	1½	⅛	9.47
D-2A8	84012	2-A	1½	¼	9.47
D-2A12	84013	2-A	1½	⅜	9.47
D-2A16	84014	2-A	1½	½	9.47
D-2A24	84015	2-A	1½	¾	9.47
D-2A32	84016	2-A	1½	1	9.47
D-3A16	84031	3-A	2½	½	15.30
D-3A24	84032	3-A	2½	¾	15.30
D-3A32	84033	3-A	2½	1	15.30
D-3A40	84034	3-A	2½	1¼	15.30
D-3A48	84035	3-A	2½	1½	15.30
D-3A64	84036	3-A	2½	2	15.30

STOCKS FOR ADJUSTABLE DIES
Cat. Page 104 - Std. Pkg. 1

Cat. No.	Ordering No.	For Dies, Width, In.	Price Each
1½ -A	91705	1⅛	$15.59
2-A	91702	1½	18.33
3-A	91704	2½	31.81
2-BR	93701	1½	31.17
3-BR	93832	2½	51.77
2-AR	93721	1½	34.05
3-AR	93831	2½	57.00

ADJUSTABLE GUIDES
Cat. Page 104 - Not Boxed

Cat. No.	Ordering No.	For Stock No.	Cap. Pipe Size, In.	Price Each
292	91852	2-A, 2-BR	1/8 - 1	$11.00
293	91854	3-A, 3-BR	1/2 - 2	19.24

PIPE CUTTERS
Cat. Page 108, 109

Cat. No.	Ordering No.	Cap., Pipe, Size, In.	Std. Pkg.	Price Each

Continued in next column

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1-T	78031	⅛-1¼	1	$26.10
2-T	78032	⅛-2	1	34.80
2-TA	78033	⅛-2	1	35.10
4-A	78036	2-4	1	87.52
6-A	78037	4-6	1	125.62
1-B	78011	⅛-1	1	24.87
2-B	78012	½-2	1	33.22
3-B	78013	1½-3	1	55.19
4-B	78014	2½-4		95.28
5-B	78015	4-6		141.82
1-S	78021	⅛-1	1	17.76
2-S	78022	1-2	1	26.67
3-S	78023	2-3	1	43.96
4-S	78024	2½-4		86.63
5-S	78025	4-6		133.11

PIPE CUTTER WHEELS
Cat. Page 108 - Std. Pkg. 10

Cat. No.	Ordering No.	For Armstrong Cutter No.	Price Each
2-T	79011	1-T, 2-T, 2-TA	$1.88
4-A	79025	4-A	3.00
6-AW	79046	6-A	3.98
1-B	79041	1-B	2.33
2-B	79042	2-B	2.48
3-B	79043	3-B	3.60
4-B	79044	4-B	4.20
5-B	79045	5-B	4.65
1-S	79061	1-S	2.33
2-S	79062	2-S	2.48
3-S	79063	3-S	4.65

RATCHET REAMERS
Cat. Page 109 - Not Boxed

Cat. No.	Ordering No.	Capacity, Pipe, Size, In.	Price Each
R-1172	77055	⅛-2	$ 45.38

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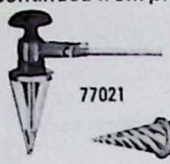


210-R	77021	⅜-3	56.92

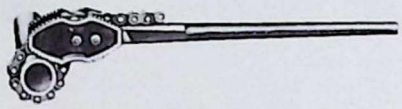
R-72	77014	⅛-2	41.93

210	77023	⅜-3	35.24

CHAIN PIPE TONGS

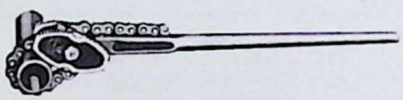
Cat. Pages 110, 111 - Not Boxed

Cat. No.	Ordering No.	Cap., Pipe, Size, In.	Price Each



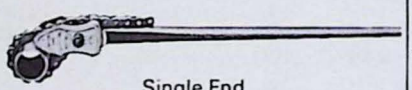
Double End

30	98001	⅛ - ¾	$28.07
31	98002	⅛ - 1½	31.46
32	98003	¼ - 2½	44.91
33	98004	¾ - 4	62.87
33½	98005	1 - 6	80.81
34	98006	1½ - 8	98.76
35	98007	2 -12	161.66



Reversible

27	98051	¼ - 2½	47.84
37	98052	¾ - 4	67.05
47	98053	1 - 6	86.13
57	98054	1½ - 8	105.44



Single End

10	98011	⅛ - ¾	28.07
11	98012	⅛ - 1½	31.46
12	98013	¼ - 2½	44.91
13	98014	¾ - 4	62.87
13½	98015	1 - 6	80.81
14	98016	1½ - 8	98.76
15	98017	2 -12	161.66
16	98018	4 -18	359.15

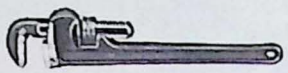
"Ideal"

2		½ - 3½	47.87
3		1 - 5	67.05
4		1 - 8	105.35
5		2 -12	172.38

PIPE WRENCHES

Cat. Page 111 - Std. Pkg. 5
(36M, 48M Not Boxed)

Cat. No.	Ordering No.	Cap., Pipe, Size, In.	Price Each

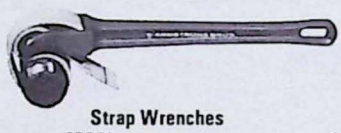


Straight Pattern

6M	97011	⅛ - ¾	$4.42
8M	97012	⅛ -1	5.10
10M	97013	⅛ -1½	6.76
12M	97014	⅛ -2	8.02
14M	97015	¼ -2	9.08
18M	97016	¼ -2½	12.90
24M	97017	¼ -3	20.40
36M	97018	¼ -4½	43.06
48M	97019	1 -6	64.88

Offset Pattern

8E	97031	⅛ -1	5.10
10E	97032	⅛ -1½	6.76
14E	97033	¼ -2	9.08
18E	97034	¼ -2½	12.90



Strap Wrenches

12-S	97041	⅛ - 2	8.32
18-S	97051	½ - 5	16.36

PIPE WRENCH JAWS

Cat. Page 111 - Not Boxed

For Wrenches, Nos.	Ordering No.	Price Each

Moveable Jaws

6M	97801	1.80
8M, 8E	97802	1.88
10M, 10E	97803	2.63
12M	97804	3.00
14M, 14E	97805	3.75
18M, 18E	97806	5.18
24M	97807	7.95
36M	97808	13.05
48M	97809	20.55

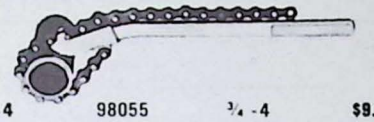
Insert Jaws (With Pins)

6M	97791	.83
8M, 8E	97792	1.05
10M, 10E	97793	1.58
12M	97794	1.80
14M, 14E	97795	1.80
18M, 18E	97796	1.88
24M	97797	1.95
36M	97798	2.55
48M	97799	4.65

CHAIN WRENCHES

Cat. Page 111 - Std. Pkg. 1

Cat. No.	Ordering No.	Cap., O. D., In.	Price Each

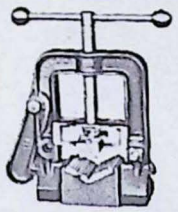


CW-4	98055	¾ -4	$9.15
CW-5	98056	3 -6	26.80

PIPE VISES

Cat. Page 112 - Std. Pkg. 1

Cat. No.	Ordering No.	Cap., Pipe, Size, In.	Price Each

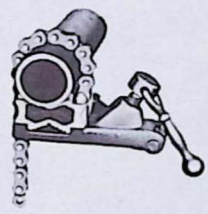


Hinged

231	75201	⅛ -1½	$26.35
232	75202	⅛ -2	31.05
233	75203	⅛ -2½	36.45
234	75204	⅛ -3½	55.43
73	75005	⅛ -4½	72.11
74	75006	⅛ -6	144.30
75	75007	1 -8	292.04

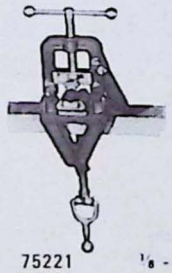
Chain, Underside Handle

1-C	76001	⅛ -2½	22.88
2-C	76002	¼ -4	46.35
3-C	76003	¼ -6	81.96
4-C	76004	¼ -8	109.12



Chain Topside Handle

11-C	76011	⅛ -2½	24.00
12-C	76012	¼ -4½	46.35



"Kit" or Clamp

241	75221	⅛ -1½	$31.88
142-BX	75101	⅛ -2	38.03
143-BX	75102	⅛ -2½	46.80

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SEC. "D" PIPE TOOLS

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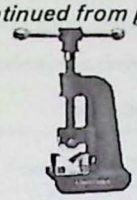
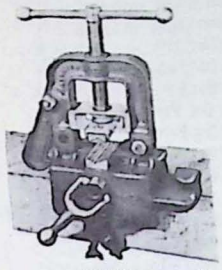


Open Side Post Type

10	75021	⅛ -2	50.83
**10-A	75022	⅛ -2	34.10

**WITHOUT CHAIN ATTACHMENT



Hinged Post Type

163X	75103	⅛ -2½	58.02

VISE STANDS

Cat. Page 113 - Std. Pkg. 1

Cat. No.	Ordering No.	Type Vise	Cap., Pipe, Size, In.	Price Each
933	75351	Hinged	⅛ -2½	$110.25
933-A	75352	Hinged	⅛ -2½	100.25
935-C	76038	Chain	⅛ -5	111.87
935-CA	76039	Chain	⅛ -5	101.87
938	76037	Chain	⅛ -5	134.74
(938 is aluminum vise stand)				
833 BX	75301	Hinged	⅛ -2½	95.60
833 C	76023	Chain	⅛ -2½	97.05
4	75032			96.95
412	76013	Chain	¼ -4½	154.86
471	75031	Hinged	⅛ -2½	133.44

TUBE CUTTERS

Cat. Page 114 - Std. Pkg. 1

Cat. No.	Ordering No.	For Tubing, O.D., In.	Price Each

115

200

115	78004	⅛ -1⅛	$9.91
200	78003	¼ -1½	21.01

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Tube Cutter Wheels

Cat. No.	Ordering No.	For Tube Cutter, No.	Price Each
115W	79058	115	$1.54
200W	79060	200	2.33

TUBE FLARING TOOLS

Cat. Page 114 - Std. Pkg. 1

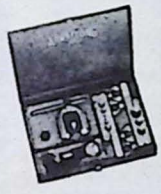
Cat. No.	Ordering No.	For Tubing, O. D., Inches	Price Each

7075	80075	⅛ -7/16	$10.63
7076	80076	3/16 -½	10.63
7077	80077	¼ -⅜	10.31
7078	80078	3/16 -⅜	11.30
7079	80079	½ -¾	13.47

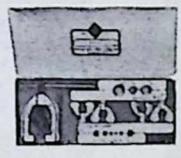
TUBE FLARING SETS

Cat. Page 114 - Std. Pkg. 1

Cat. No.	Ordering No.	For Tubing, O. D., Inches	Price Each



7090



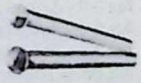
7080

7080	80080	⅛ - ¾	20.15
7090	80090	⅛ - ¾	33.49

TUBE BENDERS

Cat. Page 114 - Std. Pkg. 5

Cat. No.	Ordering No.	For Tubing, O. D., Inches	Price Each



TB-08	78111	¼	$.68
TB-10	78112	5/16	.68
TB-12	78113	⅜	.90
TB-14	78114	7/16	.90
TB-16	78115	½	1.13
TB-20	78116	⅝	1.13
TB-24	78117	¾	1.35
TB-28	78118	⅞	1.35
Tube Bender Sets			
TB-6	78101	¼ -⅜	5.42
TB-8	78102	¼ -⅞	8.12

POWER DRIVES, INC.

324 THIRD ST., S. W.

WINTER HAVEN, FLORIDA 33880

DISCONTINUED TOOLS
Still Available Until Stocks Are Depleted

SECTION A, SHOP TOOLS

Cat. No.	Description	Price
00	Machine Handle Forging	$ .69
1	Machine Handle Forging	.84
1-G	Grinding Holder	4.68
2	Ratchet Drill	65.33
3	Machine Handle Forging	1.25
3-G	Grinding Holder	7.71
3-G	Lathe Tool Set	174.94
4	Ratchet Drill	100.98
4-G	Grinding Holder	11.59
4-G	Lathe Tool Set	316.03
4-M	Ratchet Drill	100.98
6	Machine Handle Forging	2.52
7	Machine Handle Forging	3.05
12	Ratchet Drill	44.63
12-M	Ratchet Drill	47.55
13	Machine Handle Forging	1.61
16	Machine Handle Forging	2.52
22-H	Str. Tail Lathe Dog	4.34
24-H	Str. Tail Lathe Dog	5.47
25	Str. Tail Lathe Dog	6.65
25-H	Str. Tail Lathe Dog	6.65
26-H	Str. Tail Lathe Dog	7.80
27	Str. Tail Lathe Dog	9.45
27-H	Str. Tail Lathe Dog	9.45
28-H	Str. Tail Lathe Dog	10.97
29	Str. Tail Lathe Dog	14.10
29-H	Str. Tail Lathe Dog	14.10
30	Double Finger Clamp	1.62
31	Str. Tail Lathe Dog	23.40
31-H	Str. Tail Lathe Dog	23.40
32-H	Str. Tail Lathe Dog	35.18
33-H	Str. Tail Lathe Dog	62.54
40	Double Finger Clamp	2.90
65	Tool Post Wedge	2.33
69-L	Side Tool	14.83
70-L	Side Tool	17.80
71-L	Side Tool	22.76
72-L	Side Tool	31.34
73-L	Side Tool	40.84
74-L	Side Tool	55.52
75-L	Side Tool	60.27
75-R	Side Tool	60.27
76-L	Side Tool	81.32
76-R	Side Tool	81.32
79-L	Side Tool	13.45
80-L	Side Tool	16.14
81-L	Side Tool	20.65
82-L	Side Tool	28.43
83-L	Side Tool	37.04
84-L	Side Tool	50.36
85-L	Side Tool	60.27
85-R	Side Tool	60.27
86-L	Side Tool	81.32
86-R	Side Tool	81.32
100-L	Drop Head Tl. Holder	12.69
100-R	Drop Head Tl. Holder	12.69
100-S	Drop Head Tl. Holder	12.69
101-L	Drop Head Tl. Holder	14.78
101-S	Drop Head Tl. Holder	14.78
102-L	Drop Head Tl. Holder	20.81
102-R	Drop Head Tl. Holder	20.81
103-L	Drop Head Tl. Holder	35.81
104-L	Drop Head Tl. Holder	48.07
104-R	Drop Head Tl. Holder	48.07
104-S	Drop Head Tl. Holder	48.07
105-R	Drop Head Tl. Holder	66.59
105-S	Drop Head Tl. Holder	66.59
106	Drop Head Tl. Holder	110.91
106-R	Drop Head Tl. Holder	110.91
106-S	Drop Head Tl. Holder	110.91
107-L	Drop Head Tl. Holder	162.68
107-R	Drop Head Tl. Holder	162.68
107-S	Drop Head Tl. Holder	168.68
114		133.11
132	Str. Tail Lathe Dog	62.54
134	Str. Tail Lathe Dog	132.92

Continued in next column

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Cat. No.	Description	Price
134-H	Str. Lathe Dog	132.92
200	"U" Clamp Drill Holder	16.26
201-L	Drop Head Tl. Holder	16.93
201-R	Drop Head Tl. Holder	16.93
201-S	Drop Head Tl. Holder	16.93
300	"U" Clamp Drill Holder	21.76
301-L	Drop Head Tl. Holder	25.59
301-R	Drop Head Tl. Holder	25.59
301-S	Drop Head Tl. Holder	25.59
434	Finished Bal. Handle	17.66
439	Finished Bal. Handle	26.65
500	"U" Clamp Drill Holder	48.69
512	Finished Bal. Handle	8.27
516	Finished Bal. Handle	8.85
520	Finished Bal. Handle	9.53
522	Finished Bal. Handle	10.44
525	Finished Bal. Handle	11.88
600	Plain Drill Holder	27.34
601	Plain Drill Holder	27.34
602	Plain Drill Holder	31.00
603	Plain Drill Holder	36.46
604	Plain Drill Holder	40.10
605	Plain Drill Holder	45.58
610	Drill Holder	36.46
611	Drill Holder	36.46
612	Drill Holder	45.58
613	Drill Holder	52.88
614	Drill Holder	58.34
621	Plain Turner	63.82
622	Plain Turner	72.93
623	Plain Turner	85.70
624	Plain Turner	109.40
625	Plain Turner	127.62
631	Str. Cutter Holder	36.46
632	Str. Cutter Holder	45.58
633	Str. Cutter Holder	58.80
634	Str. Cutter Holder	58.80
640	Angle Cutter Holder	36.46
641	Angle Cutter Holder	36.46
643	Angle Cutter Holder	58.80
645	Angle Cutter Holder	65.64
650	Mult. Cutter Holder	72.93
651	Mult. Cutter Holder	72.93
652	Mult. Cutter Holder	91.16
654	Mult. Cutter Holder	116.68
655	Mult. Cutter Holder	123.98
662	Facing Tool	105.76
664	Facing Tool	154.98
671	Turret Knurling Tool	212.43
672	Turret Knurling Tool	259.67
673	Turret Knurling Tool	306.88
674	Turret Knurling Tool	299.12
750-L	Turning Tool Holder	179.34
750-R	Turning Tool Holder	179.34
750-S	Turning Tool Holder	179.34
800-L	Turning Tool Holder	232.34
800-R	Turning Tool Holder	232.34
800-S	Turning Tool Holder	232.34
1010-R	Ace Turning Tool	5.73
1030	Ace Boring Tool	14.30
1457	Ace 3-Bar Boring Tool	75.93
1458	Ace 3-Bar Boring Tool	75.93
1460	Ace 3-Bar Boring Tool	75.93
2322-A	Ace Boring Tool Bit	.55
2324-A	Ace Boring Tool Bit	.84
7713	"T" Slot Bolt	3.72
7715	"T" Slot Bolt	4.33
7716	"T" Slot Bolt	4.62
7996	"T" Slot Bolt	.57
7998	"T" Slot Bolt	.75
7999-A	"T" Slot Bolt	.87
8000	"T" Slot Bolt	.90
8004	Boring Bar Part	4.61
8021	Boring Bar Part	3.71
8024	Boring Bar Part	7.11
8041	Boring Bar Part	3.71

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Cat. No.	Description	Price
8044	Boring Bar Part	7.11
8140-A	Ace Boring Bar	2.13
8141-A	Ace Boring Bar	2.78
8142-A	Ace Boring Bar	3.58
8143-A	Ace Boring Bar	4.14
8144-A	Ace Boring Bar	5.53
8145-A	Ace Boring Bar	7.69
8185	Boring Bar Part	7.12
8186	Boring Bar Part	8.48
8190	Boring Bar Part	8.48
8191	Boring Bar Part	12.27
8193	Boring Bar Part	8.48
8195	Boring Bar Part	18.92
8196	Boring Bar Part	12.27
8198	Boring Bar Part	18.92
8224-A	Ace Knurls	7.44
8267-A	Ace Knurls	7.44
8455A	Facing Tool — Ex. Cutter	2.06
8455B	Facing Tool — Ex. Cutter	2.06
8455C	Facing Tool — Ex. Cutter	2.06
8456	Facing Tool — Ex. Cutter	3.20
8457A	Facing Tool — Ex. Cutter	4.68
8457B	Facing Tool — Ex. Cutter	4.68
FT-1-L	Carbide Tool Holder	21.56
FT-1-R	Carbide Tool Holder	21.56
FT-2-L	Carbide Tool Holder	26.65
FT-2-R	Carbide Tool Holder	26.65
FT-3-L	Carbide Tool Holder	35.47
FT-3-R	Carbide Tool Holder	35.47
FT-3-S	Carbide Tool Holder	35.47
FT-4-R	Carbide Tool Holder	45.24
FT-5-L	Carbide Tool Holder	63.60
FT-5-R	Carbide Tool Holder	63.60
SR12	Carbide Inst. Tool Holder	18.90
SL12P	Carbide Inst. Tool Holder	20.84
SL16	Carbide Inst. Tool Holder	22.14
SL16P	Carbide Inst. Tool Holder	24.39
SR16	Carbide Inst. Tool Holder	22.14
SL43	Carbide Inst. Tool Holder	24.64
SL43P	Carbide Inst. Tool Holder	27.16
SR43	Carbide Inst. Tool Holder	24.64
SR43P	Carbide Inst. Tool Holder	27.16
SL54	Carbide Inst. Tool Holder	28.92
SL65	Carbide Inst. Tool Holder	30.70
SL65P	Carbide Inst. Tool Holder	33.72
SR65	Carbide Inst. Tool Holder	30.70
SR65P	Carbide Inst. Tool Holder	33.72
SL75	Carbide Inst. Tool Holder	30.70
SL75P	Carbide Inst. Tool Holder	33.72
SR75	Carbide Inst. Tool Holder	30.70
SR75P	Carbide Inst. Tool Holder	33.72
SL85	Carbide Inst. Tool Holder	23.50
SR85	Carbide Inst. Tool Holder	23.50
SR85P	Carbide Inst. Tool Holder	25.96
TR12	Carbide Inst. Tool Holder	18.90
TR12P	Carbide Inst. Tool Holder	20.84
TL16	Carbide Inst. Tool Holder	22.14
TR16	Carbide Inst. Tool Holder	22.14
TR16P	Carbide Inst. Tool Holder	24.39
TL65	Carbide Inst. Tool Holder	30.70
TR65P	Carbide Inst. Tool Holder	33.72
TL75	Carbide Inst. Tool Holder	30.70
TL75P	Carbide Inst. Tool Holder	33.72
TR75	Carbide Inst. Tool Holder	30.70
TR75P	Carbide Inst. Tool Holder	33.72
TL85	Carbide Inst. Tool Holder	23.50
XX-5-R	"C-A" Tool Holder	115.24

SECTION B, CUTTING TOOLS

0407	Tool Bit Set	65.50
2215	Turning Tool	6.55
2235	L.H. Corner Tool	6.55
2255	R.H. Corner Tool	6.55
2256	R.H. Corner Tool	9.58
2275	Square Nose Tool	6.55

Continued in next column

DISCONTINUED TOOLS
Still Available Until Stocks Are Depleted

Continued from previous column

Cat. No.	Description	Price
2276	Square Nose Tool	9.58
2285	R.H. Side Tool	6.55
2295	Brass Tool	6.55
2311	H.S. Tool Bit	27.85
2511	H.S. Side Tool Blade	5.20
2514	H.S. Side Tool Blade	8.27
2515	H.S. Side Tool Blade	13.66
2516	H.S. Side Tool Blade	18.41
2517	H.S. Side Tool Blade	26.84
2628	H.S. Side Tool Blade	31.28
2705	H.S. Tool Bit	6.65
2716	H.S. Tool Bit	13.88
2735	H.S. Tool Bit	7.62

SECTION C, HAND TOOLS

4-55A	Square – Hex Adapter	2.62
5	Alligator Wrench	41.55
12-N	Soft Faced Hammer Tip	1.18
12-T	Soft Faced Hammer Tip	.68
15-620	Socket	3.56
15-622	Socket	3.72
15-624	Socket	3.72
15-626	Socket	3.94
15-628	Socket	4.06
15-630	Socket	4.22
15-632	Socket	4.47
15-634	Socket	4.80
15-636	Socket	5.02
15-638	Socket	5.02
15-640	Socket	5.19
15-M	Soft Faced Hammer Tip	.79
15-N	Soft Faced Hammer Tip	1.18
15-T	Soft Faced Hammer Tip	.79
20-M	Soft Faced Hammer Tip	.97
20-N	Soft Faced Hammer Tip	1.90
20-T	Soft Faced Hammer Tip	.97
21	Double Head Eng. Wrench	1.34
23	Double Head Eng. Wrench	1.52
28	Double Head Eng. Wrench	2.39
28-S	Double Head Eng. Wrench	2.40
31-B	Double Head Eng. Wrench	3.01
58-A	Double Head Eng. Wrench	255.99
60	Double Head Eng. Wrench	309.83
60-A	Double Head Eng. Wrench	309.83
62	Double Head Eng. Wrench	388.05
64-A	Double Head Eng. Wrench	631.74
120	Soft Faced Hammer	5.03
153	Soft Faced Hammer	6.03
202	Construction Wrench	3.12
205	Soft Faced Hammer	7.56
263-A	Socket Wrench	2.68
265-A	Socket Wrench	3.26
268-A	Socket Wrench	4.53
276-B	Socket Wrench	12.90
292	Long Pattern Wrench	12.19
297	Long Pattern Wrench	17.13
370-C	Car Pattern Wrench	9.97
379	Car Pattern Wrench	17.92
382-A	Car Pattern Wrench	21.07
383-A	Car Pattern Wrench	24.99
385	Car Pattern Wrench	24.99
389	Car Pattern Wrench	35.67
389-B	Car Pattern Wrench	35.67
403-A	Tappet Wrench	4.75
404	Tappet Wrench	5.08
406-A	Tappet Wrench	5.81
408-A	Tappet Wrench	6.40
556-B	Double Head Tool Post Wrench	5.05
556-C	Double Head Tool Post Wrench	5.05
562-B	Double Head Tool Post Wrench	4.54
563	Double Head Tool Post Wrench	4.72
564-C	Double Head Tool Post Wrench	5.35
565-C	Double Head Tool Post Wrench	5.62
566-B	Double Head Tool Post Wrench	5.51
566-C	Double Head Tool Post Wrench	5.51

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Cat. No.	Description	Price
566-D	Double Head Tool Post Wrench	5.51
567	Double Head Tool Post Wrench	10.86
567-B	Double Head Tool Post Wrench	9.57
567-D	Double Head Tool Post Wrench	9.57
602	Single Head Thin Wrench	1.82
623	Double Head Thin Wrench	1.64
625	Double Head Thin Wrench	1.89
629	Double Head Thin Wrench	2.68
630	Double Head Thin Wrench	2.97
630-B	Double Head Thin Wrench	2.57
631	Double Head Thin Wrench	2.97
802	Box Wrench	12.12
812-A	Box Wrench	20.06
902	Structural Wrench	3.20
963-A	Socket Wrench	3.70
965-A	Socket Wrench	4.37
968-A	Socket Wrench	5.75
976-B	Socket Wrench	15.92
976-H	Socket Wrench	15.92
977-P	Socket Wrench	17.97
977-X	Socket Wrench	17.97
977-X	Socket Wrench	17.97
979-A	Socket Wrench	27.40
979-B	Socket Wrench	27.40
1000-A	Single Head Eng. Wrench	1.58
1002	Single Head Eng. Wrench	2.33
1021-M	Double Head Eng. Wrench	1.58
1029-M	Double Head Eng. Wrench	3.01
1031-M	Double Head Eng. Wrench	3.74
1033-M	Double Head Eng. Wrench	4.88
1154-C	Box Socket Wrench Set	7.92
1210-A	Construction Wrench	21.66
1211-A	Construction Wrench	31.82
1270	Single Head Thin Wrench	5.68
1520-A	Pliers	4.87
1727-M	Double Eng. Wrench	2.35
1802	Box Wrench	3.01
1813	Box Wrench	30.72
1912	Structural Wrench	45.89
3323	Prick Punch	1.29
3498	Ex. Long Cold Chisel	4.06
8021	Box Socket Wrench	2.55
8661	Bridge Wrench Socket	25.39
8666	Bridge Wrench Socket	27.27
8670	Bridge Wrench Socket	29.50
8673	Bridge Wrench Socket	32.38
8681	Bridge Wrench Socket	25.39
8682	Bridge Wrench Socket	25.39
8683	Bridge Wrench Socket	25.61
8684	Bridge Wrench Socket	26.13
8685	Bridge Wrench Socket	26.59
8686	Bridge Wrench Socket	27.27
8688	Bridge Wrench Socket	27.70
8689	Bridge Wrench Socket	28.20
8690	Bridge Wrench Socket	29.50
8691	Bridge Wrench Socket	29.99
8701	Bridge Wrench Socket	40.46
8702	Bridge Wrench Socket	42.20
8704	Bridge Wrench Socket	45.14
8705	Bridge Wrench Socket	47.08
8706	Bridge Wrench Socket	48.77
8707	Bridge Wrench Socket	51.11
8708	Bridge Wrench Socket	53.58
8710	Bridge Wrench Socket	56.03
8721	Bridge Wrench Socket	46.73
8722	Bridge Wrench Socket	48.74
8724	Bridge Wrench Socket	52.14
8728	Bridge Wrench Socket	59.03
8730	Bridge Wrench Socket	64.71
C-43	Steel Case	20.55
FA-6B	Extra Bit	.57
FA-6S	Extra Bit	1.12
FA-8S	Extra Bit	1.21
FA-50	"50" Series Ratchet	7.07
FA-50A	"50" Series Ratchet	6.18
FAB50A	Black Fn. Ratchet	6.91

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Continued from previous column

Cat. No.	Description	Price
F-23CB	Extra Bit	1.20
F-23CS	Extra Bit	2.01
F-25CB	Extra Bit	1.20
F-25CS	Extra Bit	2.01
F-31CS	Extra Bit	2.01
F-150	Plug Connector	1.36
FC-1701	Crowfoot Attachment	1.63
FC-1702	Crowfoot Attachment	1.87
FP-22B	Extra Bit	1.18
FP-22S	Extra Bit	1.96
FP-32B	Extra Bit	1.20
FP-32S	Extra Bit	1.63
FP-41B	Extra Bit	1.30
FP-41S	Extra Bit	2.12
FP-42B	Extra Bit	1.44
FP-42S	Extra Bit	2.32
FR25	Torque Wrench	61.60
FR50	Torque Wrench	64.68
FR300-I	Torque Wrench	61.60
FR600-I	Torque Wrench	64.68
FTW-16	Torque Wrench	41.47
H-150	Plug Connector	3.01
H808-A	Hv. Pattern Box Wrench	9.31
H809	Hv. Pattern Box Wrench	12.34
H810-A	Hv. Pattern Box Wrench	16.29
HA-50	"50" Series Ratchet	24.16
HA-50A	"50" Series Ratchet	22.64
HR200	Torque Wrench	100.10
HR300	Torque Wrench	138.60
HR2400-I	Torque Wrench	100.10
HR3600-I	Torque Wrench	138.60
HTW22	Torque Wrench	217.78
HX-151	Plug Adapter	3.61
NMA-4S	Extra Bit	1.10
NMA-5S	Extra Bit	1.10
NMA-6B	Extra Bit	.57
NMA-6S	Extra Bit	1.12
NM14R	Socket Set	21.90
NM-126	Screwdriver Attachment	2.43
NMP-22B	Extra Bit	.97
NMP-22S	Extra Bit	1.63
NMP-23B	Extra Bit	1.05
NMP-23S	Extra Bit	1.63
O-94	Stub End Box Wrench	47.50
R-29	Plastic Roll	.51
SA-12B	Extra Bit	1.20
SA-12S	Extra Bit	2.04
SA-16B	Extra Bit	1.23
SA-18S	Extra Bit	2.49
SA-20B	Extra Bit	1.39
SA-50A	"50" Series Ratchet	8.65
S-90	Stub End Box Wrench	41.62
S-150	Plug Connector	1.73
SH-151	Plug Adapter	3.23
SR25	Torque Wrench	64.68
SR50	Torque Wrench	66.22
SR300-I	Torque Wrench	64.68
SR600-I	Torque Wrench	66.22
SR1800-I	Torque Wrench	72.38
ST-631	Socket	1.78
XA-50	"50" Series Ratchet	42.55
XA-50A	"50" Series Ratchet	36.23
X-150A	Plug Connector	2.87
X-205	Construction Wrench	7.00
X-207	Construction Wrench	8.87
X-209	Construction Wrench	13.84
X-211	Construction Wrench	25.50
Z-205	Construction Wrench	7.00
Z-209	Construction Wrench	13.84
Z-210	Construction Wrench	17.49
Z-211	Construction Wrench	25.50

Continued in next column

DISCONTINUED TOOLS
Still Available Until Stocks Are Depleted

SECTION D, PIPE TOOLS

Cat. No.	Description	Price
00-C-2	Conduit Threading Set	39.82
00-3	Drophead Threading Set	54.22
00-4C	Drophead Threading Set	84.57
00-5	Drophead Threading Set	82.96
1-A	Receding Threader	106.09
1-M	Pipe Vise	16.28
1-B-6	Solid Die Threading Set	128.35
1-R-3	Solid Die Threading Set	62.28
1-R-4	Solid Die Threading Set	73.86
1-R-5	Solid Die Threading Set	85.44
1-T	Rat. Solid Die Stock	22.98
1½A-3	Adj. Die Threading Set	42.49
2-A-3A	Adj. Die Threading Set	52.49
3FL	"Ideal" Flange Link	19.97
5-FL-1	"Ideal" Flange Link	39.89
11-C-3	Conduit Threading Set	63.98
11-3	Drophead Threading Set	63.98
11-C-4	Conduit Threading Set	81.76
11-4A	Drophead Threading Set	80.26
11-4C	Drophead Threading Set	99.93
11-4AC	Drophead Threading Set	98.43
11-5C	Drophead Threading Set	116.35
11-6A	Drophead Threading Set	112.88
12-C-4	Conduit Threading Set	118.58
12-4	Drophead Threading Set	118.58
12-R	Drophead Ratchet	14.70
13½CL	Chain Pipe Tong	80.81
242-R	Ratchet Reamer	25.24
243-R	Ratchet Reamer	26.73
291-7	Drophead Threading Set	130.88
291-R	Drophead Ratchet	11.62
292-3	Drophead Threading Set	93.25
292-R	Drophead Ratchet	14.70
934-C	Vice Stand	111.87
934-CA	Vise Stand	101.87
D-008B	Drophead Die	4.66
D-0010B	Drophead Die	4.66
D-0012B	Drophead Die	5.40
D-0014B	Drophead Die	5.40
D-0016B	Drophead Die	8.18
D-0018B	Drophead Die	8.18
D-0020B	Drophead Die	8.18
D-0024B	Drophead Die	14.56
D-0024C	Drophead Die	10.66
D-0028B	Drophead Die	14.56
D-0032B	Drophead Die	15.98
D-08A	Solid Die	6.73
D-08B	Solid Die	6.73
D-010A	Solid Die	6.73
D-014B	Solid Die	6.73
D-016B	Solid Die	6.73
D-018B	Solid Die	6.73
D-024B	Solid Die	6.73
D-2A8A	Adjustable Die	9.62
D-2A8B	Adjustable Die	8.53
D-2A10A	Adjustable Die	9.62
D-2A10B	Adjustable Die	8.53
D-2A12A	Adjustable Die	9.62
D-2A12B	Adjustable Die	8.53
D-2A14A	Adjustable Die	9.62
D-2A18A	Adjustable Die	9.62
D-2A18B	Adjustable Die	8.53
D-2A20A	Adjustable Die	9.62
D-2A24A	Adjustable Die	9.62
D-2A28A	Adjustable Die	9.62
[illegible]	Adjustable Die	8.53
[illegible]	Adjustable Die	9.62
[illegible]	[illegible]justable Die	9.62
[illegible]	[illegible]stable Die	9.62
[illegible]	[illegible]table Die	8.53
[illegible]	[illegible]ble Die	18.17
[illegible]	[illegible]e Die	18.17
[illegible]	[illegible] Die	18.17
[illegible]	[illegible]e	18.17
D-3A40B	[illegible]	18.17
D-3A44A	[illegible]	18.17

Continued next column

Continued from previous column

Cat. No.	Description	Price
D-3A44B	Adjustable Die	18.17
D-3A48B	Adjustable Die	18.17
D-3A52A	Adjustable Die	18.17
D-3A64A	Adjustable Die	18.17
D-154	Solid Die	9.10
D-158	Solid Die	9.10
D-236A	Solid Die	10.71
D-236B	Solid Die	10.71
D-248A	Solid Die	10.71
D-248B	Solid Die	10.71
D-914	Drophead Die	10.66
D-918	Drophead Die	10.66
D-1248C	Drophead Die	14.10
D-1264C	Drophead Die	14.10
D-1512	Solid Die	9.10
D-1516	Solid Die	9.10
D-2012	Drophead Die	10.66
D-2016	Drophead Die	10.66
D-2024	Drophead Die	10.66
D-2140	Drophead Die	12.68
D-2248	Drophead Die	14.10
D-2264	Drophead Die	14.10
D-9112	Drophead Die	10.66
D-9116	Drophead Die	10.66
D-9124	Drophead Die	10.66
D-9132	Drophead Die	12.68
D-9140	Drophead Die	12.68
D-9248	Drophead Die	14.10
D-9264	Drophead Die	14.10
E-008B	Die Head	10.58
E-0010B	Die Head	10.58
E-0012	Die Head	14.26
E-0012B	Die Head	10.58
E-0014B	Die Head	10.58
E-0016B	Die Head	14.02
E-0018B	Die Head	14.02
E-0020B	Die Head	14.02
E-0024	Die Head	14.26
E-0024C	Die Head	14.26
E-118	Die Head	16.20
E-1112	Die Head	16.20
E-1124	Die Head	17.26
E-1132	Die Head	17.86
E-1140	Die Head	17.86
E-1224	Die Head	19.96
E-1224C	Die Head	19.96
E-1248	Die Head	27.98
E-1248C	Die Head	27.98
E-1264	Die Head	27.98
E-1264C	Die Head	27.98
E-914	Die Head	16.20
E-918	Die Head	16.20
E-9112	Die Head	16.20
E-9116	Die Head	17.26
E-9132	Die Head	17.86
E-9140	Die Head	17.86
E-9240	Die Head	25.36
E-9248	Die Head	27.98
E-9264	Die Head	27.98
GS-3A	Drophead Threading Set	45.92

N O T E S :

POWER DRIVES, INC.

324 THIRD ST., S. W.

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